PB86-137403

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1985

(U.S.) Environmental Protection Agency
Research Triangle Park, NC

Sep 85

U.S. Department of Commerce
National Technical Information Service
NTIS

United States
Environmental Protection
Agency

Office of Air Quality
Planning and Standards
Research Triangle Park NC 27711

EPA-450/2-85-006
September 1985
PB86-137403

Air

EPA

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1985

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SPRINGFIELD, VA. 22161

EPA-450/2-85-006

Maps Depicting Nonattainment Areas Pursuant to Section 107 of the Clean Air Act - 1985

by
Jerry Yarn
Willis Beal
Cilton Tate

Control Program Development Division
Office of Air Quality Planning and Standards
Control Programs Operations Branch
Research Triangle Park, N.C. 27711

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Air, Noise, and Radiation
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

September 1985

1.2

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Publication No. EPA-450/2-85-006

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ACKNOWLEDGEMENTS

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PREFACE

In 1971, the Environmental Protection Agency (EPA) set national ambient air quality standards (NAAQS) for five pollutants considered to be most dangerous to human health and welfare. These pollutants and their numerical standard values are identified in the following table:

SUMMARY OF NATIONAL AMBIENT AIR QUALITY STANDARDS

Pollutant	Averaging Time	Primary Standards	Secondary Standards
Particulate Matter (TSP)	Annual (Geometric Mean)	75 ug/m^3	---
	24-hour	260 ug/m^3	150 ug/m^3
Sulfur Dioxide (SO$_2$)	Annual (Arithmetic Mean)	80 ug/m^3 (0.03 ppm)	---
	24-hour	365 ug/m^3 (0.04 ppm)	---
	3-hour		1,300 ug/m^3 (0.5 ppm)
Carbon Monoxide (CO)	8-hour	10 ug/m^3 (9 ppm)	Same as primary
	1-hour	40 ug/m^3 (35 ppm)	Same as primary
Nitrogen Dioxide NO$_2$)	Annual (Arithmetic Mean)	100 ug/^{3} (0.05 ppm)	Same as primary
Ozone	1-hour	243 ug/m^3) (0.12 ppm)	Same as primary

In 1972, States were required to submit to EPA State Implementation Plans (SIP's) containing control measures to meet these primary and secondary standards by mid-1975 or mid-1977. Generally, the long-term SIP progress for meeting these standards was positive. However, because of the complex nature of many air quality problems, some areas of the country still did not attain the NAAQS.

In recognition of this fact, in August 1977 Congress amended the Clean Air Act. Section 107(d) directed each State to submit to the Administrator of EPA a list describing the NAAQS attainment status of all areas within the State. These State submittals were initially reviewed and promulgated by EPA on March 3, 1978. In cases where EPA and a State could not reach agreement, an EPA designation replaced the State submitted designation. Also, in cases where a State failed to submit designations, EPA promulgated appropriate designations. Under Section 107(d)(5) of the Clean Air Act, a State may revise its designation and submit these to EPA for promulgation. Current EPA criteria for processing redesignations were summarized in an April 21, 1983 memorandum from Sheldon Meyers, Director, Office of Air Quality Planning and Standards. This memorandum was supplemented by a December 23, 1983 memorandum from G.T. Helms, Chief, Control Programs Development Division (see Appendix).

For those areas designated as nonattainment for one or more pollutants, States were required to develop additional control programs and plans that, when implemented, would lead to attainment of the NAAQS by 1982 (or 1987 for areas with difficult carbon monoxide or ozone problems).

Since March 3, 1978, there have been many changes to the nonattainment designations. The maps and lists in this volume reflect the nonattainment status of the States as of September 1, 1985.

The following table identifies the number of counties, or portions thereof, designated as nonattainment as of September 1, 1985.

NONATTAINMENT AREAS IN ALL OR PART OF THE COUNTIES IN THE U.S.

	Total No. of Counties or County Equivalents with Nonattainment Areas - September 1, 1985
Carbon Monoxide	142
Nitrogen Dioxide	4
Ozone	368
Sulfur Dioxide	60
Total Suspended Particulates	290
Total Areas	864

This report is a detailed mapping of the United States depicting those areas that are not attaining the NAAQS. Following the preface are maps for each pollutant showing all the nonattainment areas in the Continental United States. The remainder of the report is arranged in numerical order of, and color coded by, Regions I through X to show the nonattainment areas in each State for each pollutant. It includes lists of the nonattainment areas. Only actions made final on or before September 1, 1985 are included in this publication. Proposed designation changes or potential changes currently undergoing Agency review are not described in the report.

Each State's section includes a map identifying all county names (except Alaska and Hawaii) and maps for each of the pollutants for which the State is classified nonattainment. This volume does not include States having no nonattainment areas of any kind. Listing of nonattainment areas for territories outside the Continental United States are included although maps are not.

The nonattainment area listing for each State should clarify any situations where it may be difficult to interpret the shading on the maps. In addition, the legend on the definitions page which follows may also be clearer than some of the legends printed with the maps.

Any questions concerning the precise location or description of specific nonattainment areas hould be directed to the appropriate Regional Offices as listed below:

Air Programs Branch, EPA Region I, J.F.K. Federal Building, Room 2203, Boston, Massachusetts 02203 (617) 223-5134 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont).

Air Programs Branch, EPA Region II, 26 Federal Plaza, Room 1009, New York, New York 10278 (212) 264-2517 (New York, New Jersey, Puerto Rico, Virgin Islands).

Air Programs Branch, EPA Region III, 841 Chestnut Street, Philadelphia, Pennsylvania 19107 (215) 597-4713 (Delaware, Maryland, Pennsylvania, Virginia, West Virginia, District of Columbia).

Air Programs Branch, EPA Region IV, 345 Courtland Street, N.E., Atlanta, Georgia 30365 (404) 881-2904 (Alabama, Georgia, Florida, Kentucky, Mississippi, North Carolina, Tennessee, South Carolina).

Air Programs Branch, EPA Region V, 230 South Dearborn Street, Chicago, Illinois 60604 (312) 353-2211 (Indiana, Illinois, Michigan, Minnesota, Ohio, Wisconsin).

Air Programs Branch, EPA Region VI, First International Building, 1201 Elm Street, Dallas, Texas 75270 (214) 767-8950 (Arkansas, Louisiana, Oklahoma, New Mexico, Texas).

Air Programs Branch, EPA Region VII, 726 Minnesota Avenue, Kansas City, Kansas 66101 (913) 236-2893 (Iowa, Kansas, Missouri, Nebraska).

Air Programs Branch, EPA Region VIII, 999 18th Street, Suite 1300, Denver, Colorado 80295 (303) 293-1753 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming).

Air Programs Branch, EPA Region IX, 215 Fremont Street, San Francisco, California 94105 (415) 974-8058 (Arizona, California, Hawaii, Nevada, Guam, American Samoa, Northern Mariana Islands).

Air Programs Branch, EPA Region X, 1200 6th Avenue, Seattle, Washington 98101 (206) 442-4198 (Alaska, Idaho, Oregon, Washington).

DEFINITIONS

Nonattainment Area - The term "nonattainment area" means for any air pollutant an area which is shown by monitored data or which is calculated by air quality modeling (or other methods determined by the Administrator to be reliable) to violate any national ambient air quality standard for such pollutant.

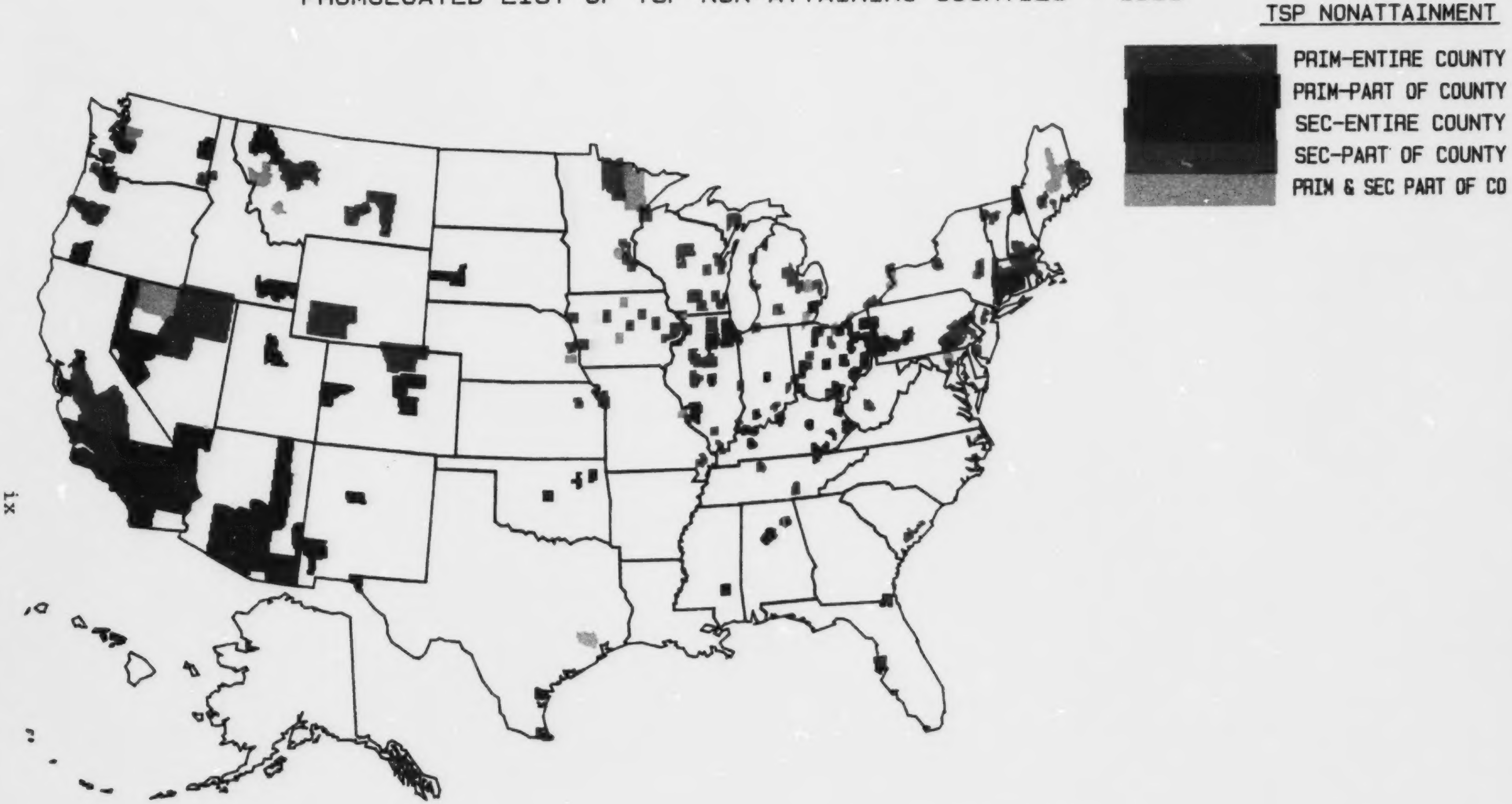
National Primary Ambient Air Quality Standards - National primary ambient air quality standards shall be ambient air quality standards the attainment and maintenance of which in the judgment of the Administrator, based on such criteria and allowing an adequate margin of safety, are requisite to protect the public health.

National Secondary Ambient Air Quality Standards - Any national secondary ambient air quality standard shal specific a level of air quality the attainment and maintenance of which in the judgment of the Administrator, based on such criteria, is requisite to protect the public welfare from any known or anticipated adverse effects associated with the presence of such air pollutant in the ambient air.

Map Legends

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▧ SEC-ENTIRE COUNTY
▧ SEC-PART OF COUNTY
▩ PRIM & SEC-PART OF CO

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

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7. AUTHOR(S) Jerry Yarn, Willis Beal, Cilton Tate		8. PERFORMING ORGANIZATION REPORT NO.
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		11. CONTRACT/GRANT NO.
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		14. SPONSORING AGENCY CODE

15. SUPPLEMENTARY NOTES

16. ABSTRACT

This report is a detailed mapping of the United States depicting those areas non-attaining the National Ambient Air Quality Standards for carbon monoxide, nitrogen dioxide, ozone, sulfur dioxide, and total suspended particulates. It includes non-attainment area maps and supporting lists from Federal Register publications for final actions through September 1, 1985. ←

17. KEY WORDS AND DOCUMENT ANALYSIS

a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group
Air Pollution Federal Regulations Pollution		

18. DISTRIBUTION STATEMENT Release Unlimited	19. SECURITY CLASS *(This Report)* Unclassified	21. NO. OF PAGES 245
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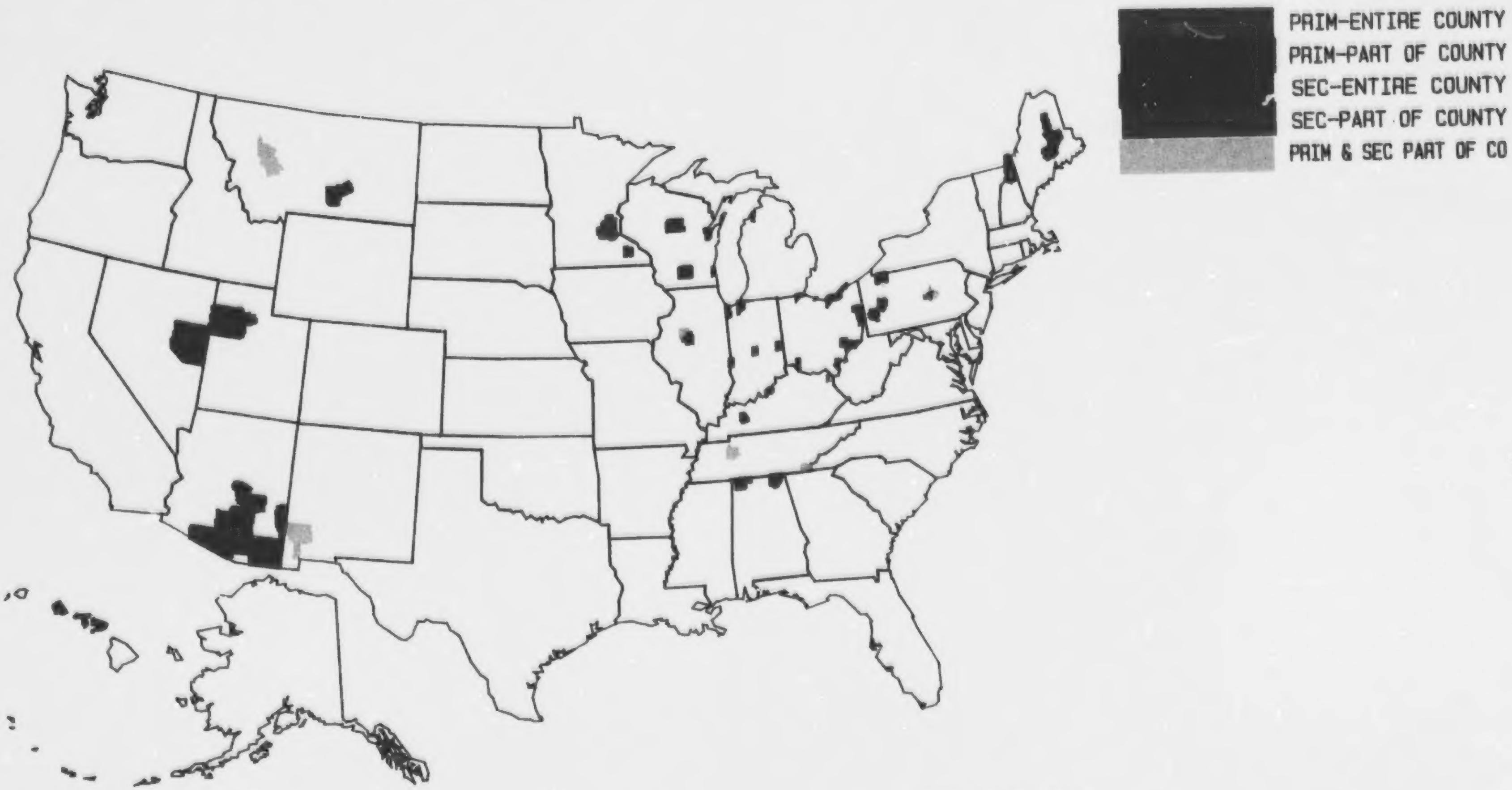
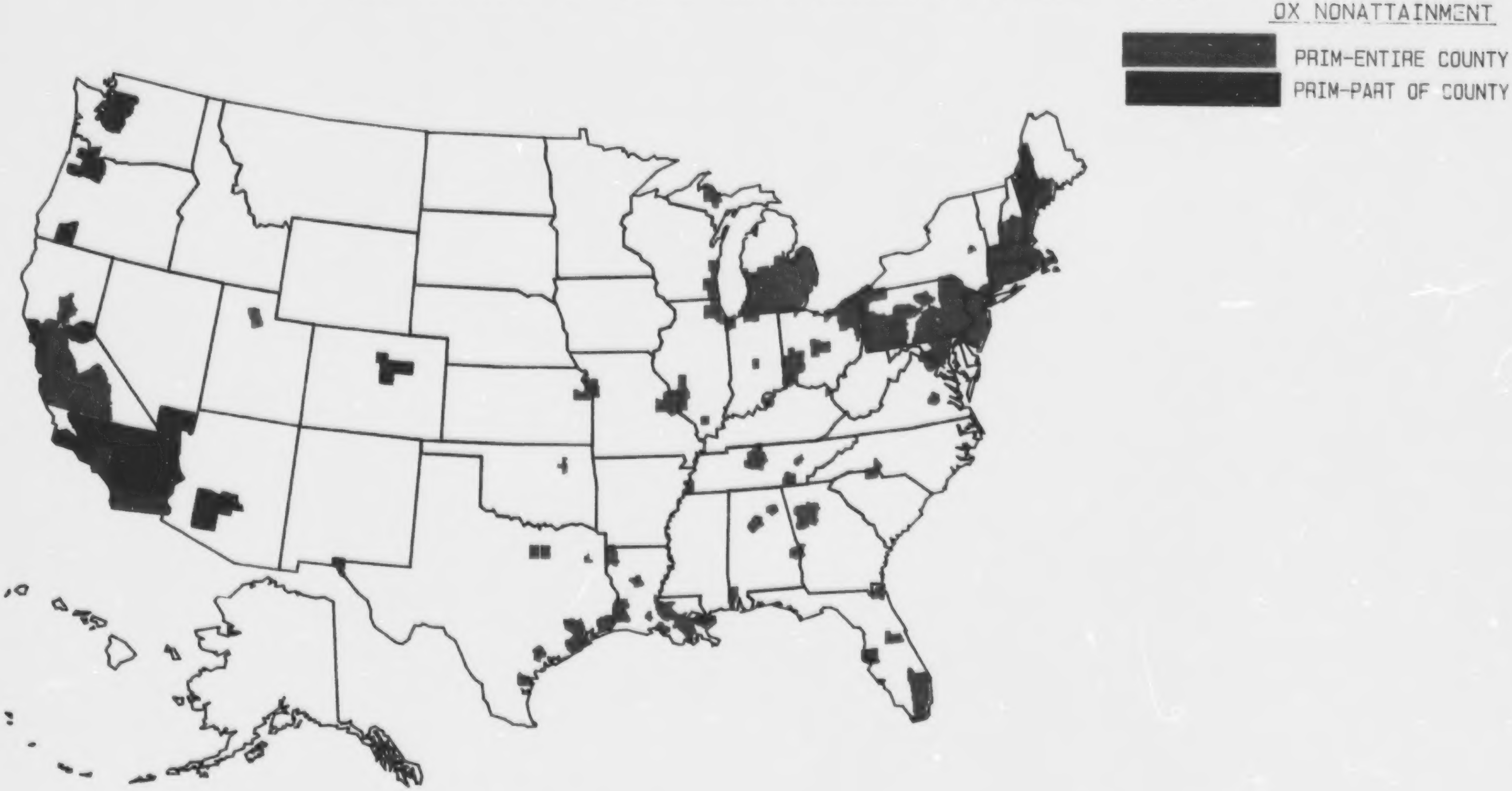

S02 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

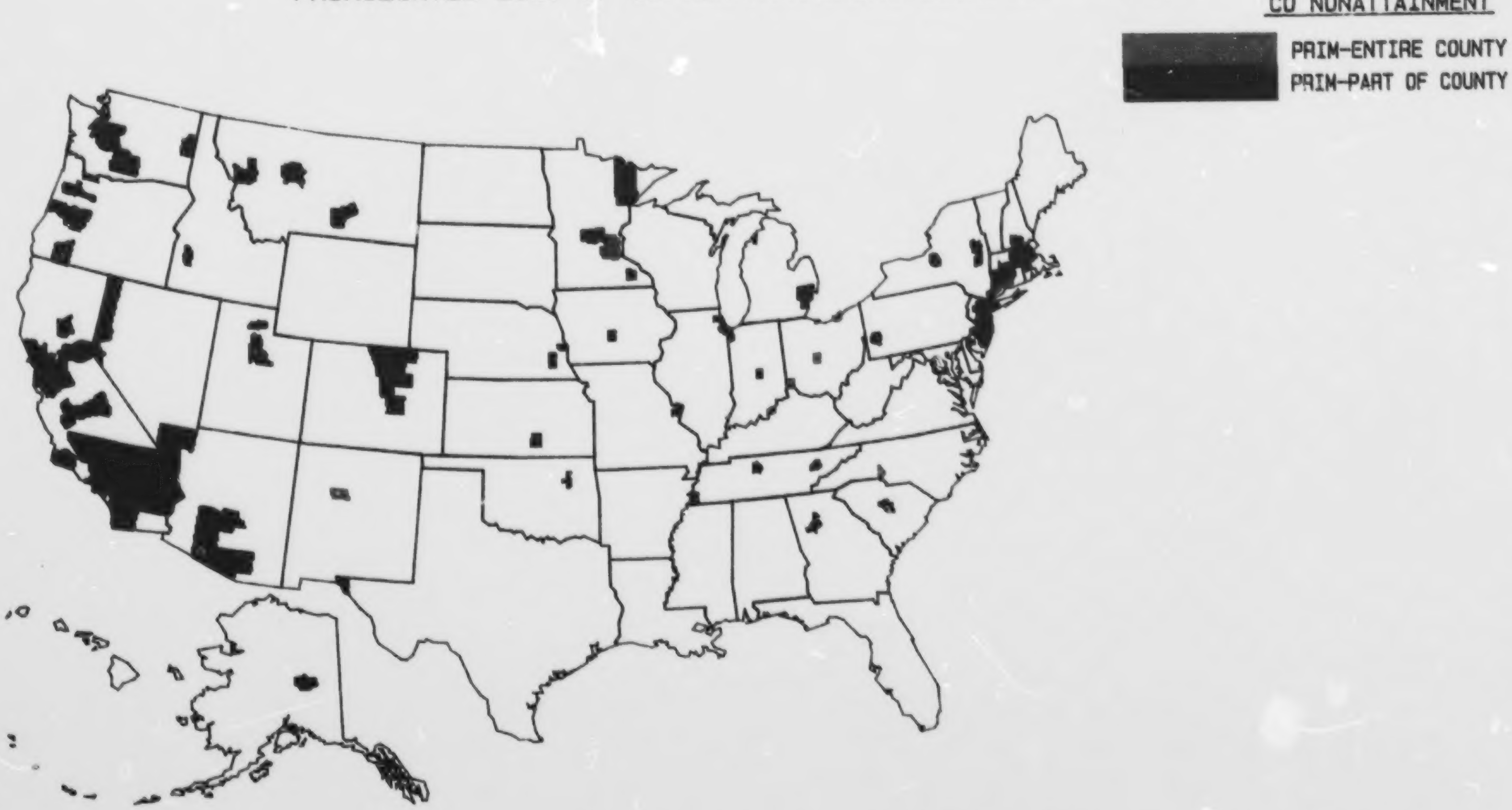
SEPTEMBER 1985

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
■ PRIM-PART OF COUNTY

SEPTEMBER 1985

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
■ PRIM-PART OF COUNTY

SEPTEMBER 1985

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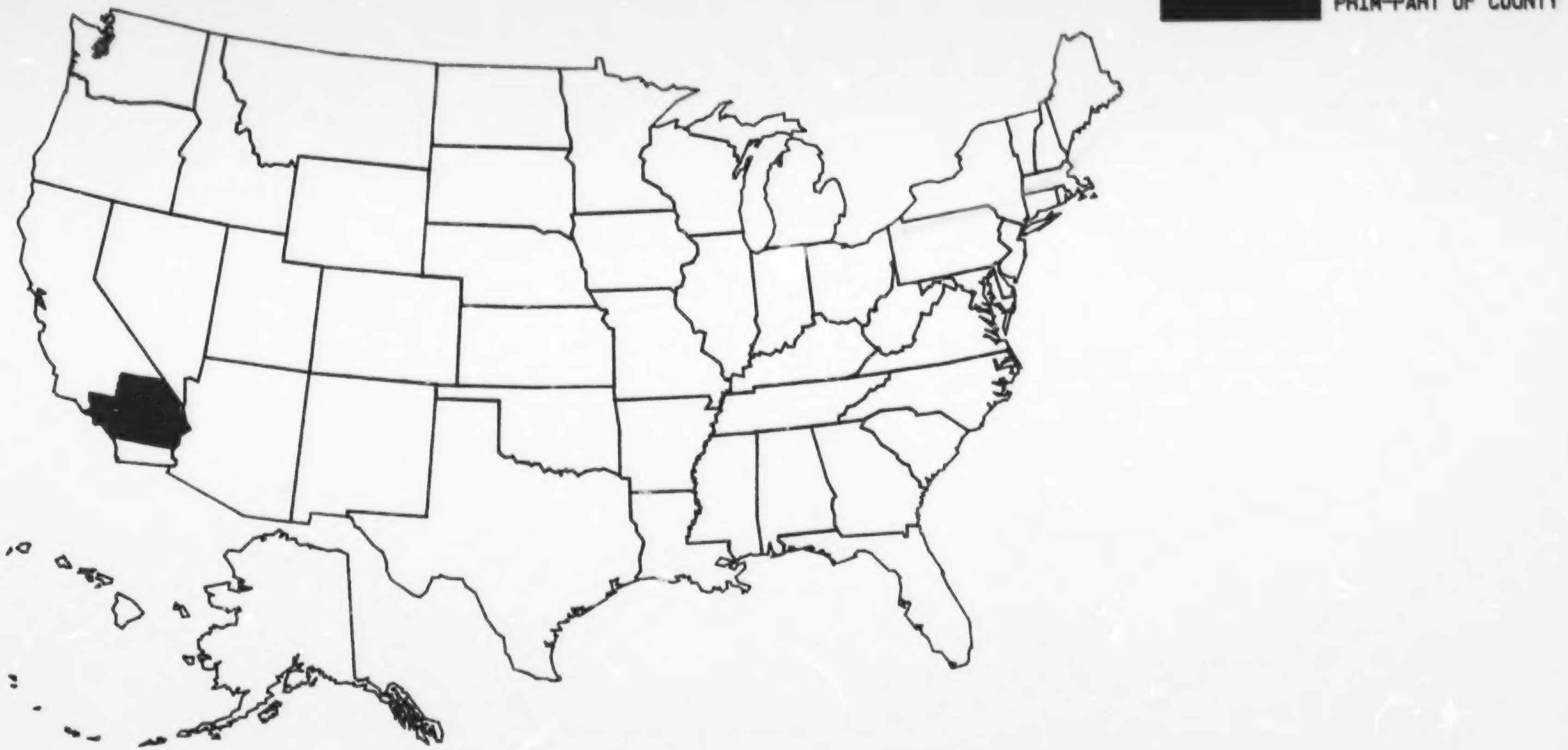

NO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

Region I

Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Air Programs Branch
EPA Region I
JFK Federal Building
Room 2303
Boston, Massachusetts 02203
(617) 223-5134

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
CONNECTICUT

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
FAIRFIELD CO	807143		W			W		W
HARTFORD CO	807766		W			P		W
LITCHFIELD CO	156769		W			P		W
MIDDLESEX CO	129017		W			W		W
NEW HAVEN CO	761337		W			W		W
NEW LONDON CO	238409		W					W
TOLLAND CO	114823		W			P		W
WINDHAM CO	92312		W					W

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
MAINE

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
ANDROSCOGGIN CO	99657							W
CUMBERLAND CO	215789							W
FRANKLIN CO	27447							P
KENNEBEC CO	109889		P					W
KNOX CO	32941		P					W
LINCOLN CO	25691							W
OXFORD CO	48968							P
PENOBSCOT CO	137015	P	P	P				
SAGADAHOC CO	28795							W
SOMERSET CO	45046							P
WALDO CO	28414							W
WASHINGTON CO	34963		P					
YORK CO	139666							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR MASSACHUSETTS

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
BARNSTABLE CO	147925							W
BERKSHIRE CO	145110		P					W
BRISTOL CO	474641		P					W
DUKES CO	8942							W
ESSEX CO	633632		P					W
FRANKLIN CO	64317							W
HAMPDEN CO	443018		P			P		W
HAMPSHIRE CO	138813							W
MIDDLESEX CO	1367034		P			P		W
NANTUCKET CO	5087							W
NORFOLK CO	606587		P			P		W
PLYMOUTH CO	405437							W
SUFFOLK CO	650142		P			P		W
WORCHESTER CO	646352		P			P		W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NEW HAMPSHIRE

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
BELKNAP CO	42884							W
CHESHIRE CO	62116							W
COOS CO	35147	P		P				
HILLSBOROUGH CO	276608		P			P		W
MERRIMACK CO	98302							W
ROCKINGHAM CO	190345							W
STRAFFORD CO	85408							W
SULLIVAN CO	36063							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
RHODE ISLAND

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
BRISTOL CO	46942							W
KENT CO	154163							W
NEWPORT CO	81383							W
PROVIDENCE CO	571349		P			P		W
WASHINGTON CO	93317							W

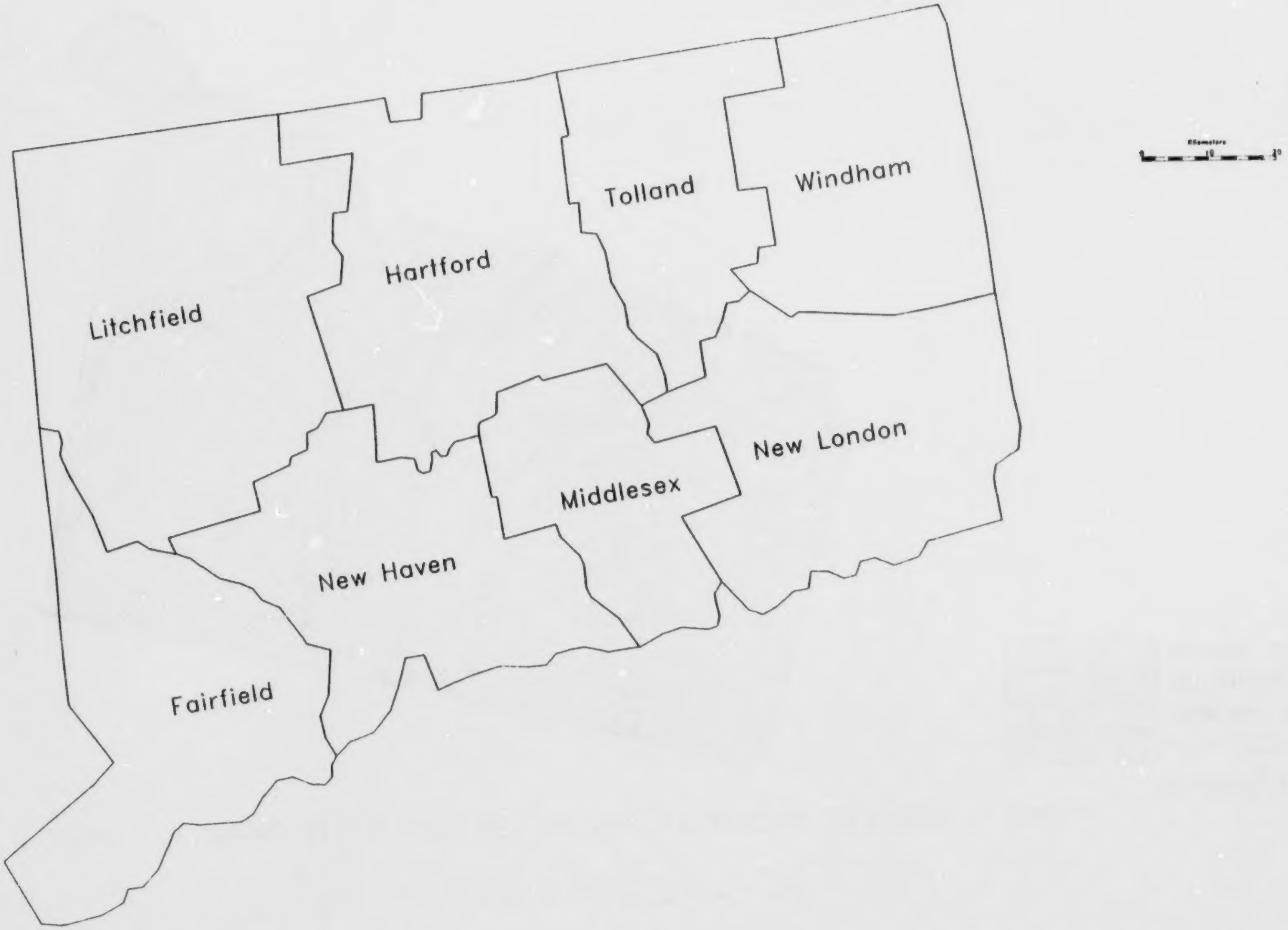
COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
VERMONT

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
CHITTENDEN CO	115534		P					
WASHINGTON CO	47659		P					

P = PART OF THE COUNTY

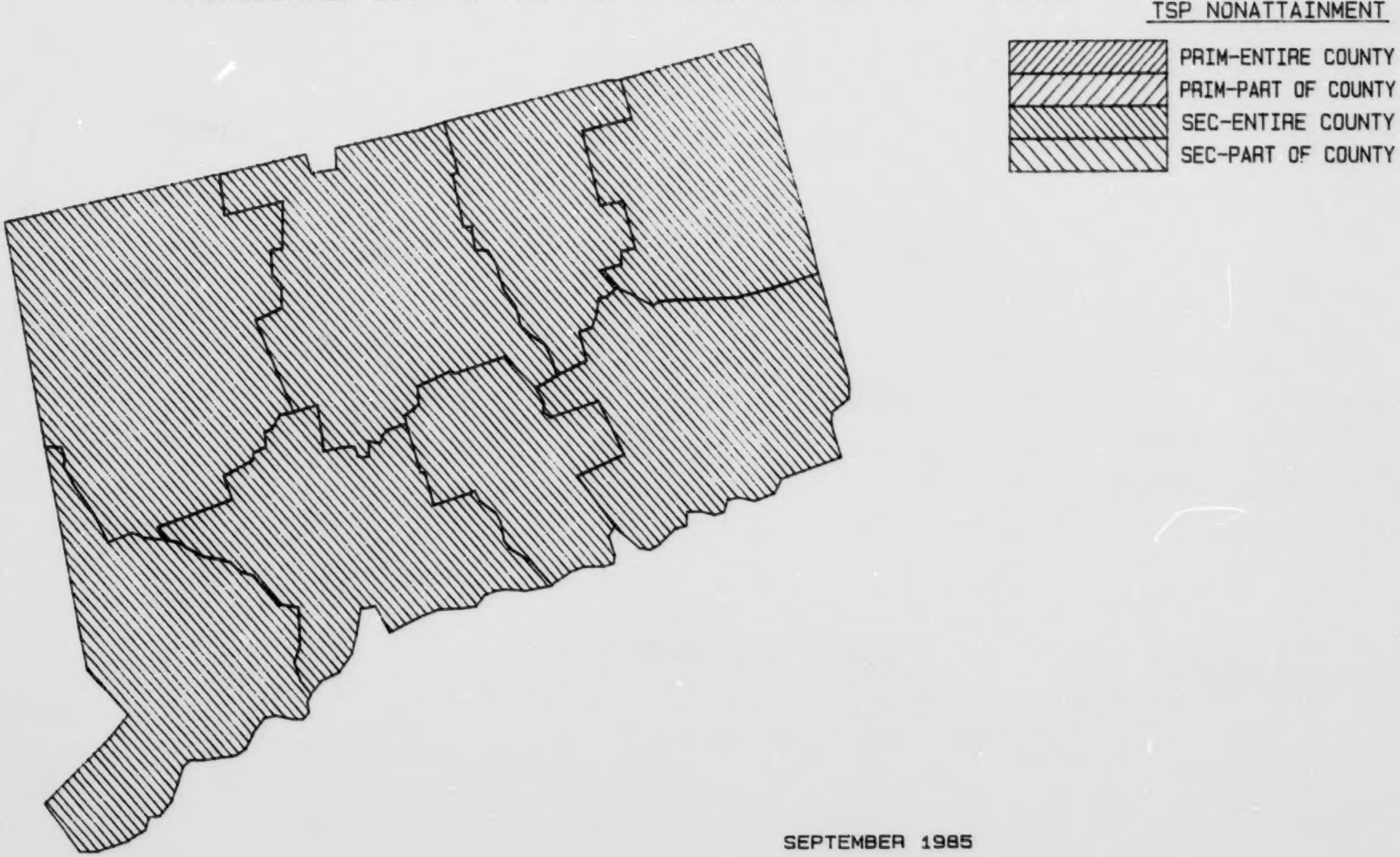
W = THE WHOLE COUNTY

CONNECTICUT


Litchfield
Hartford
Tolland
Windham
Fairfield
New Haven
Middlesex
New London
Kilometers
0
10
20

CONNECTICUT

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985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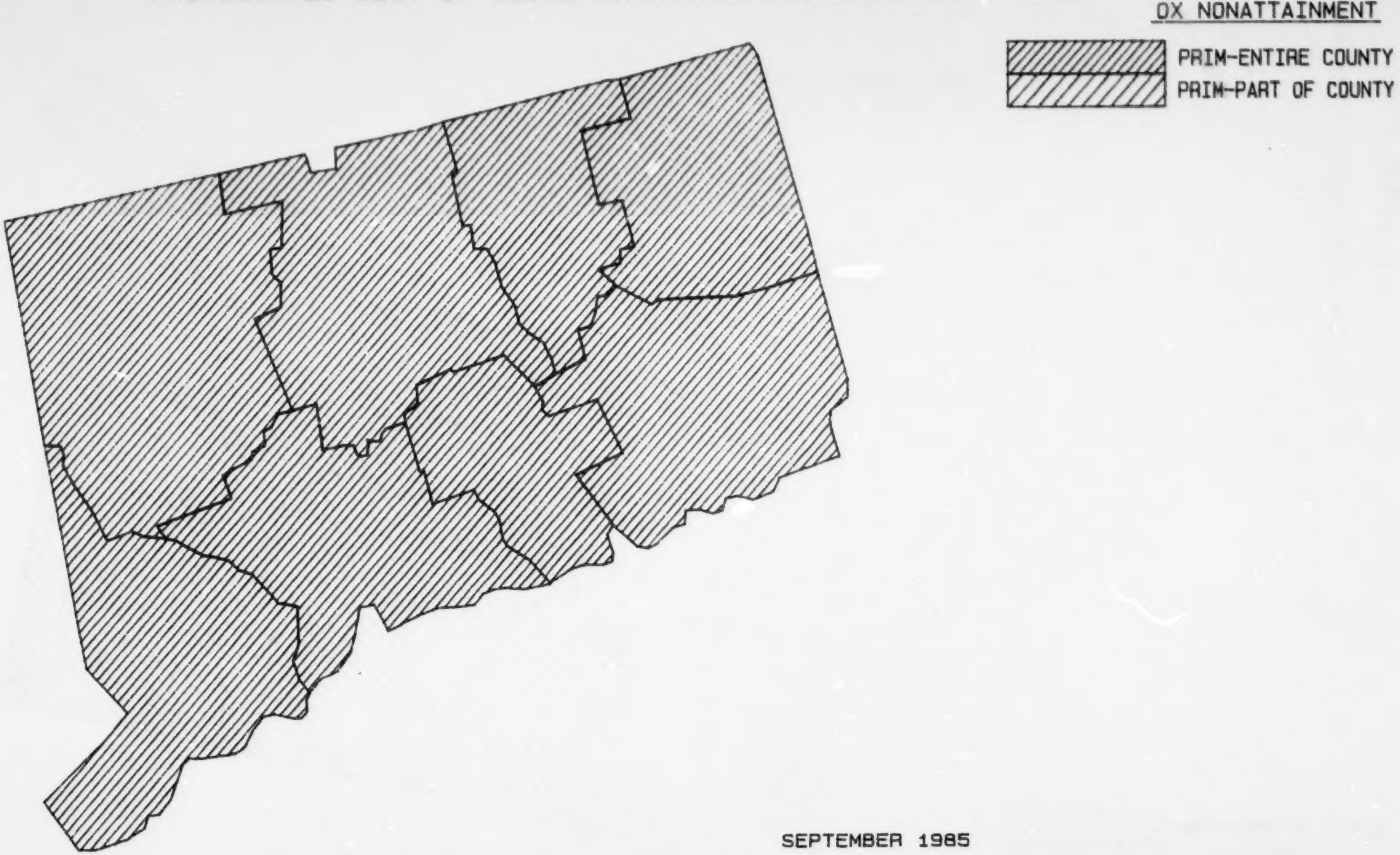
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY

SEPTEMBER 1985

CONNECTICUT

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

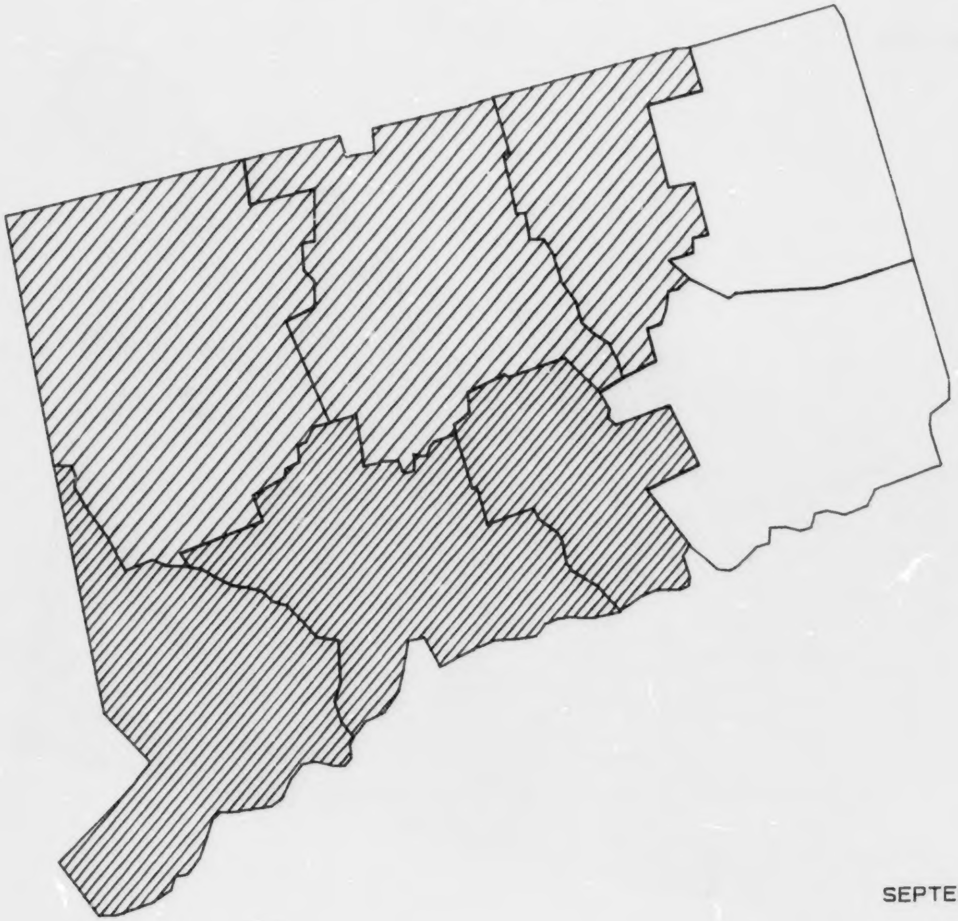
SEPTEMBER 1985

CONNECTICUT

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985

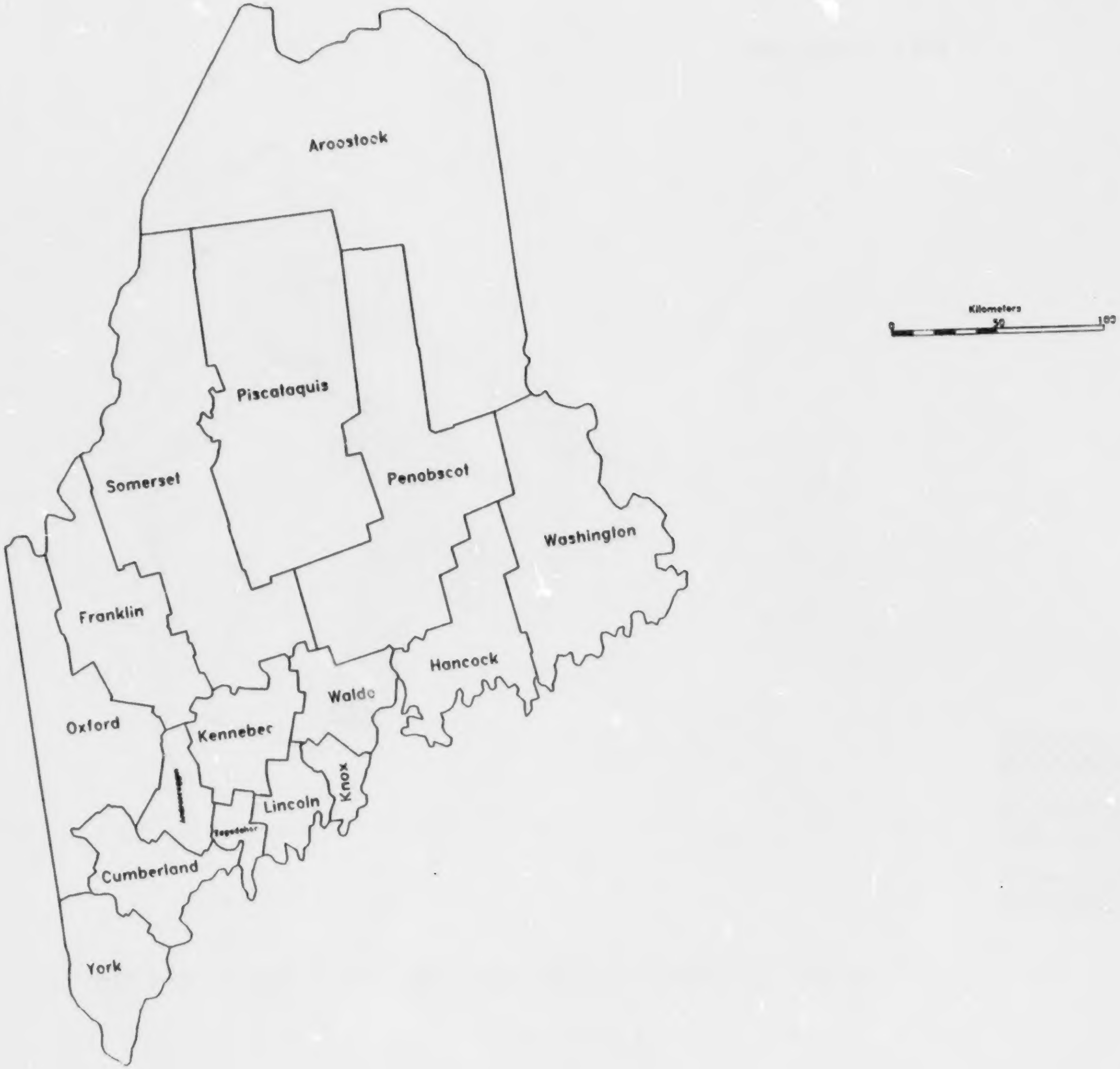
CO NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY



SEPTEMBER 1985

MAINE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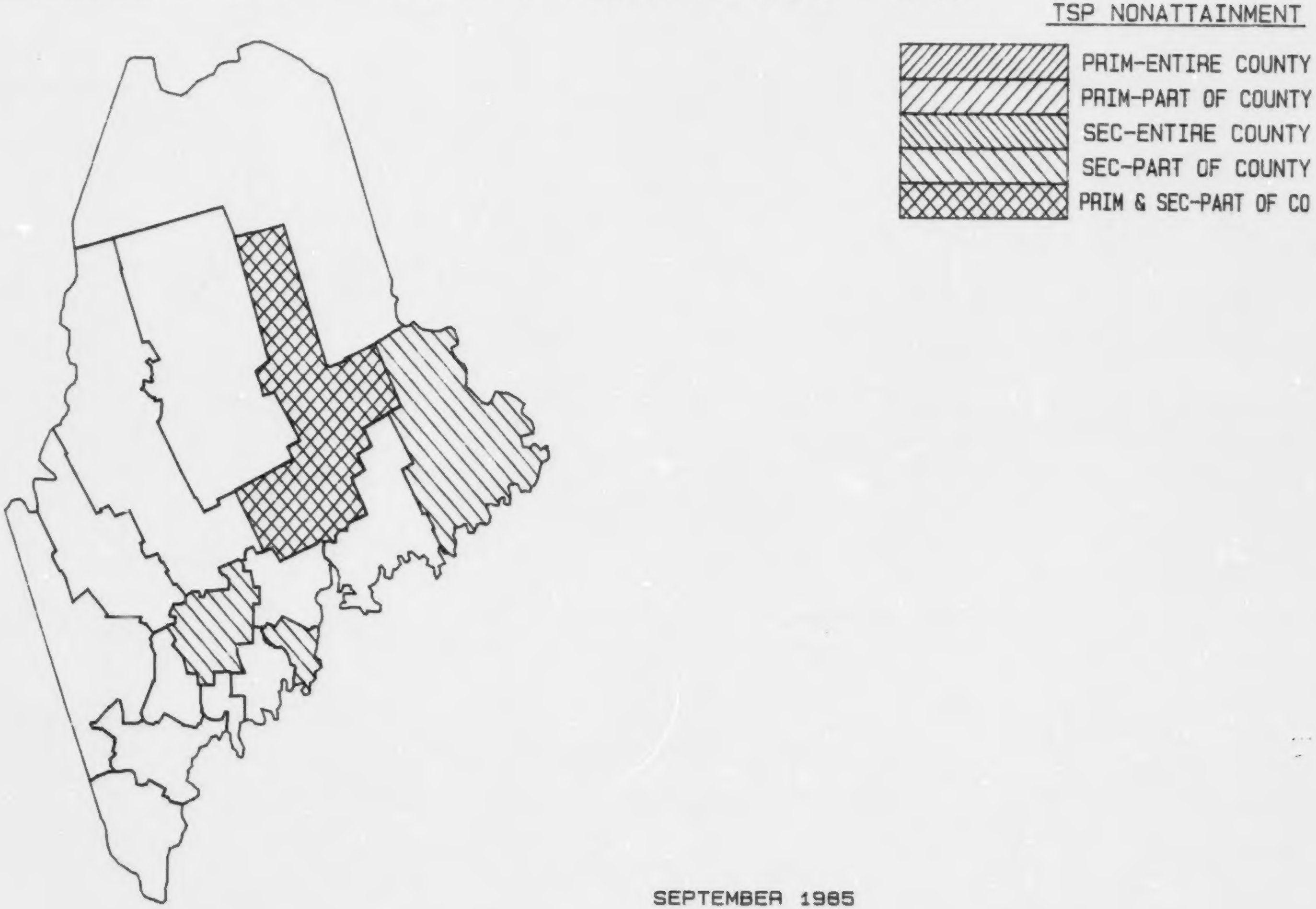
Penobscot
Somerset
Washington
Franklin
Hancock
Waldo
Oxford
Kennebec
Knox
Lincoln
Sagadahoc
Cumberland
York
Kilometers
0
50
100

MAINE

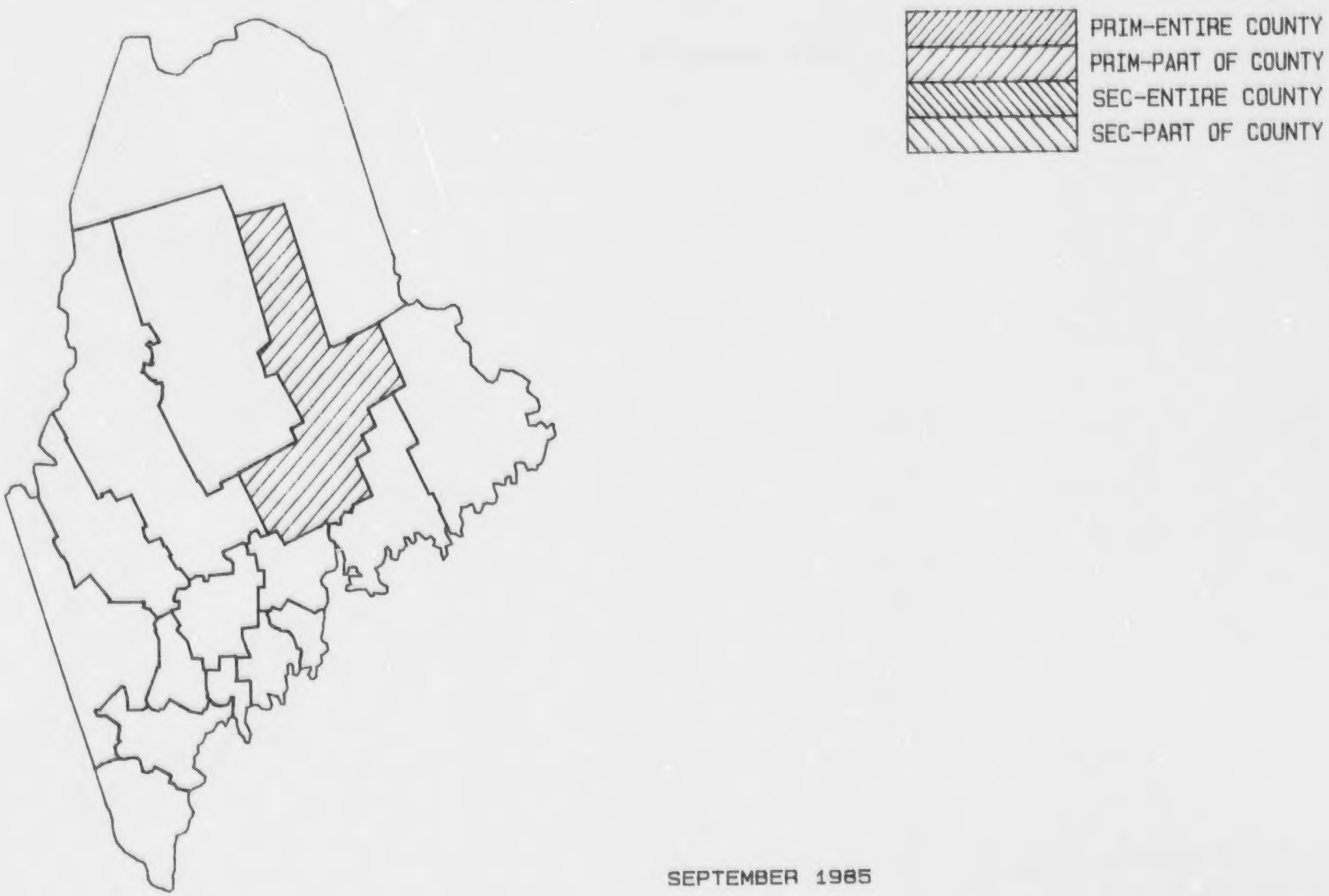
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC-PART OF CO

SEPTEMBER 1985

MAINE

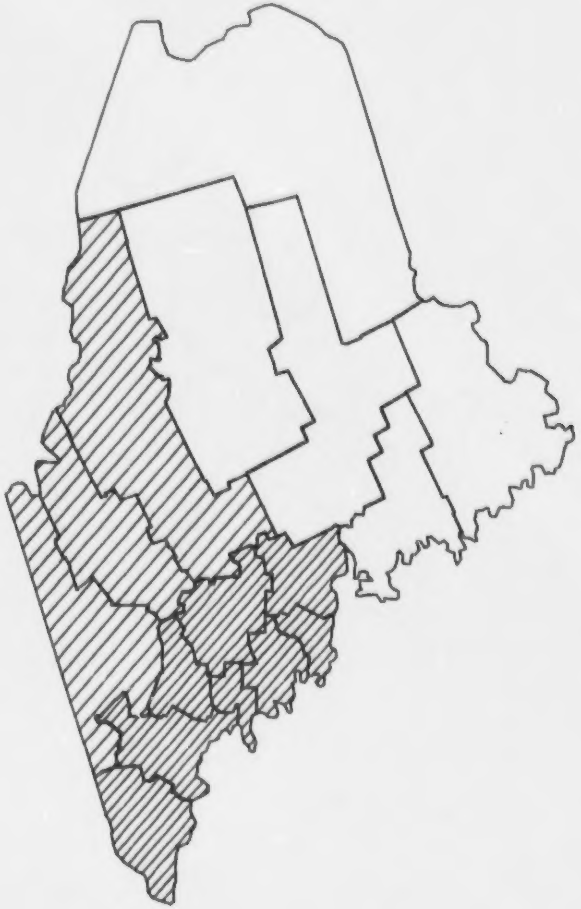
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

MAINE

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985



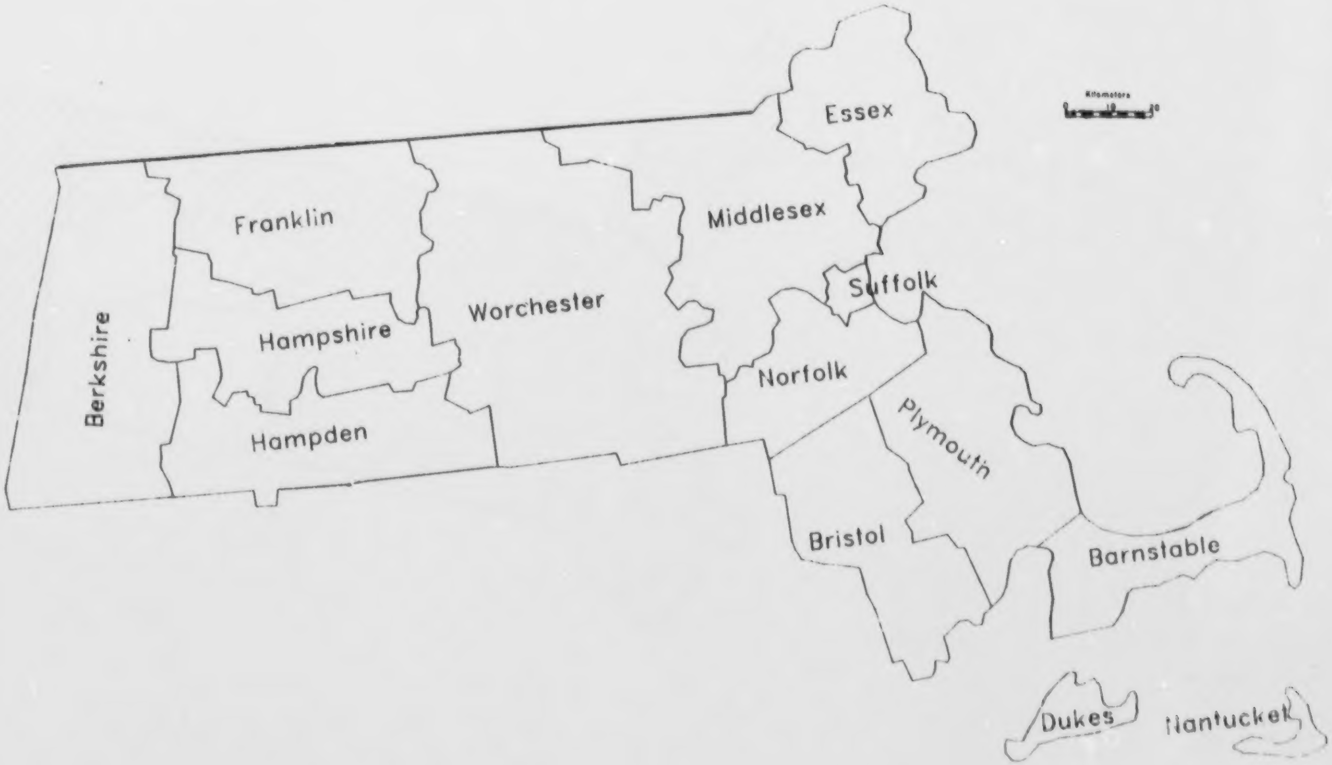
OX NONATTAINMENT

▨ PRIM-ENTIRE COUNTY

▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

MASSACHUSETTS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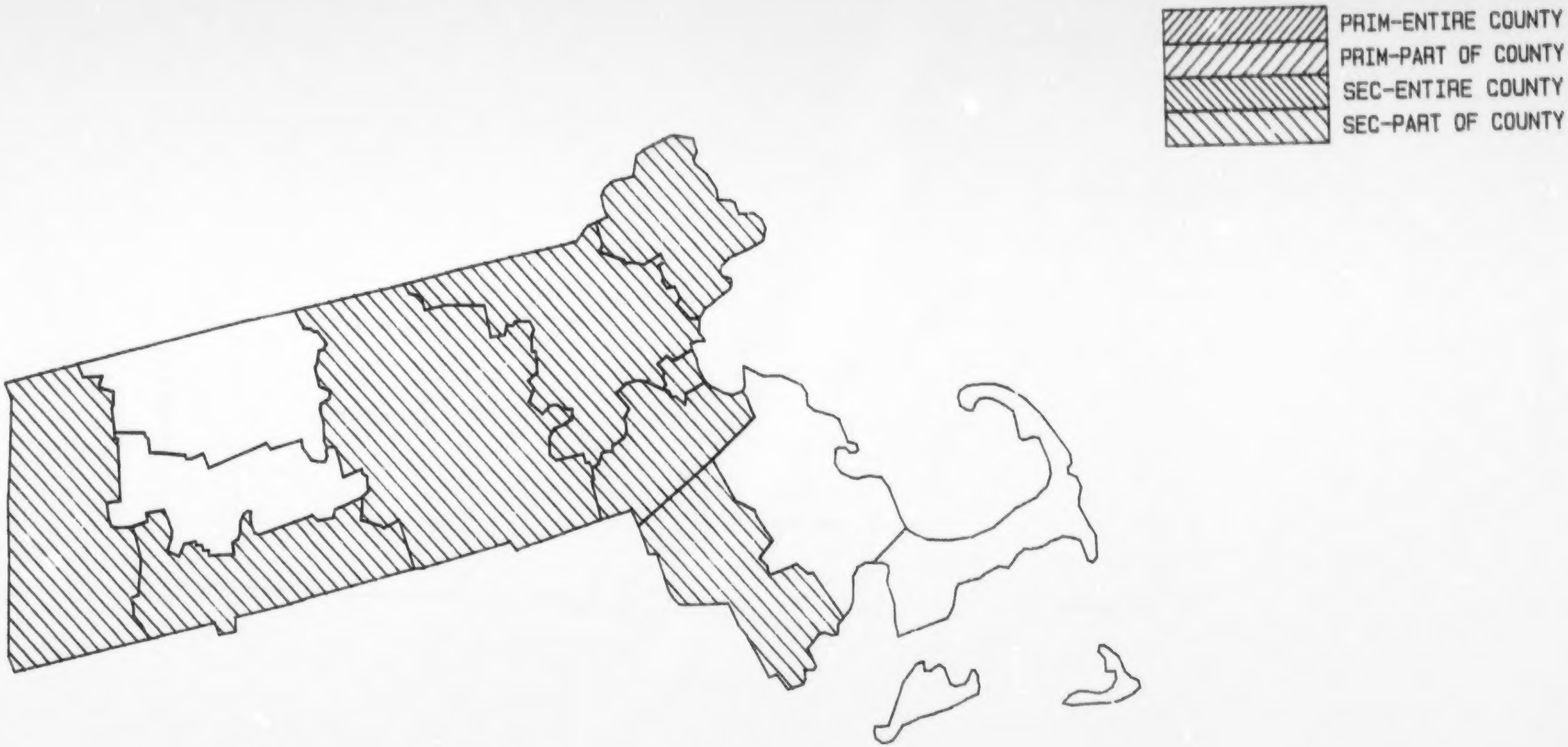
Kilometers
0
10
20
Franklin
Middlesex
Berkshire
Suffolk
Worchester
Hampshire
Norfolk
Hampden
Plymouth
Bristol
Barnstable
Dukes
Nantucket

MASSACHUSETTS

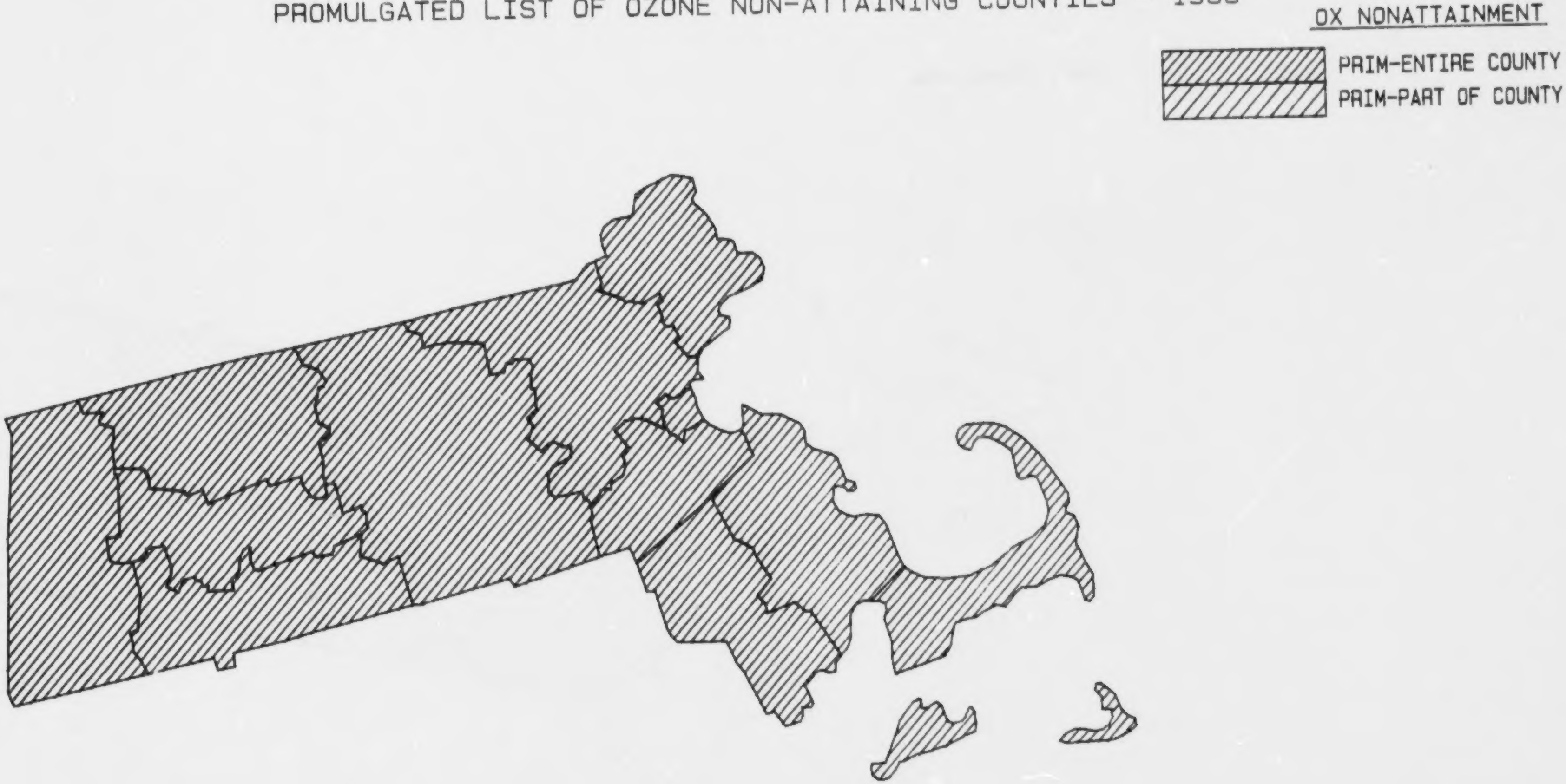
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

MASSACHUSETTS

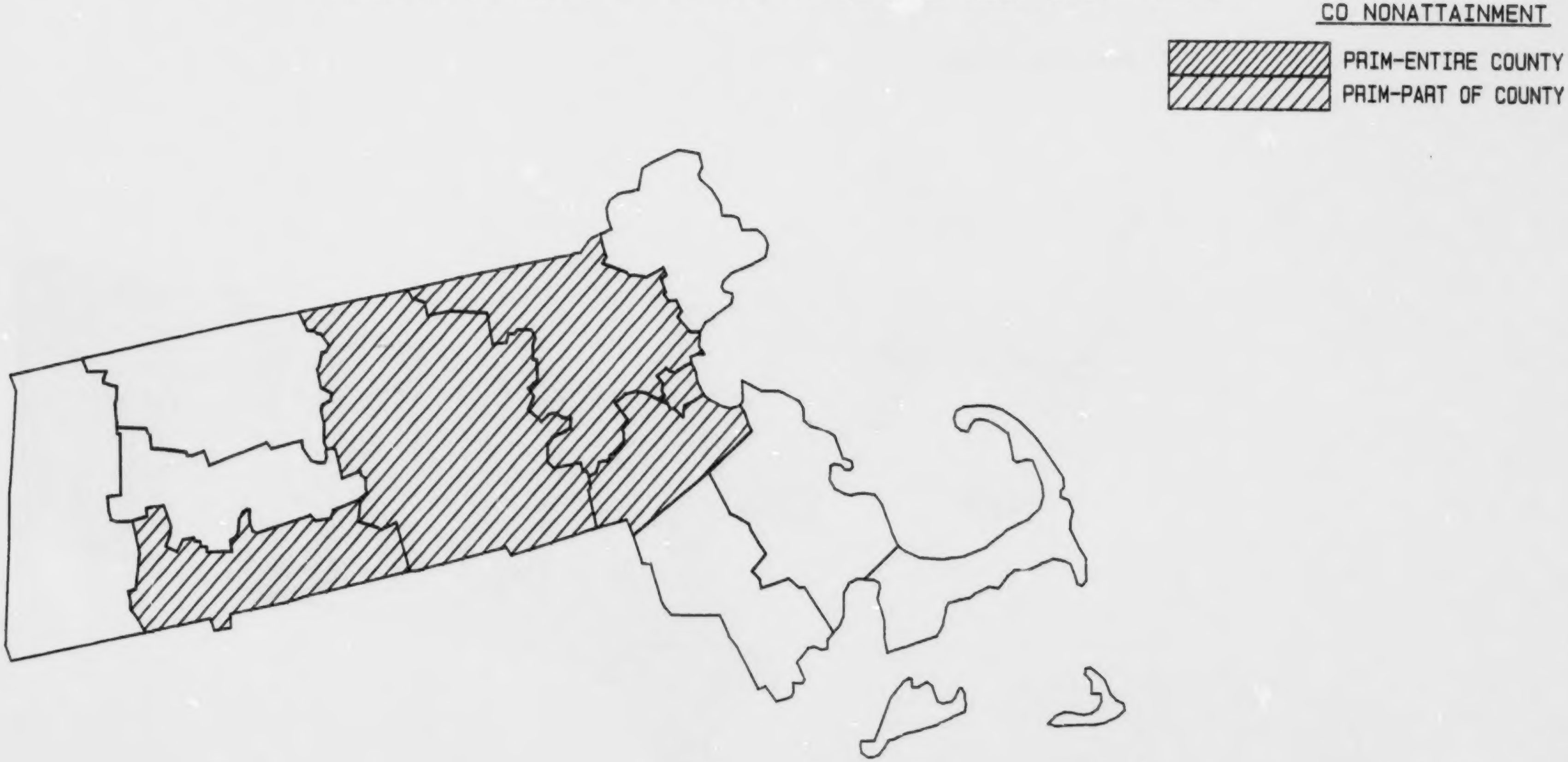
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

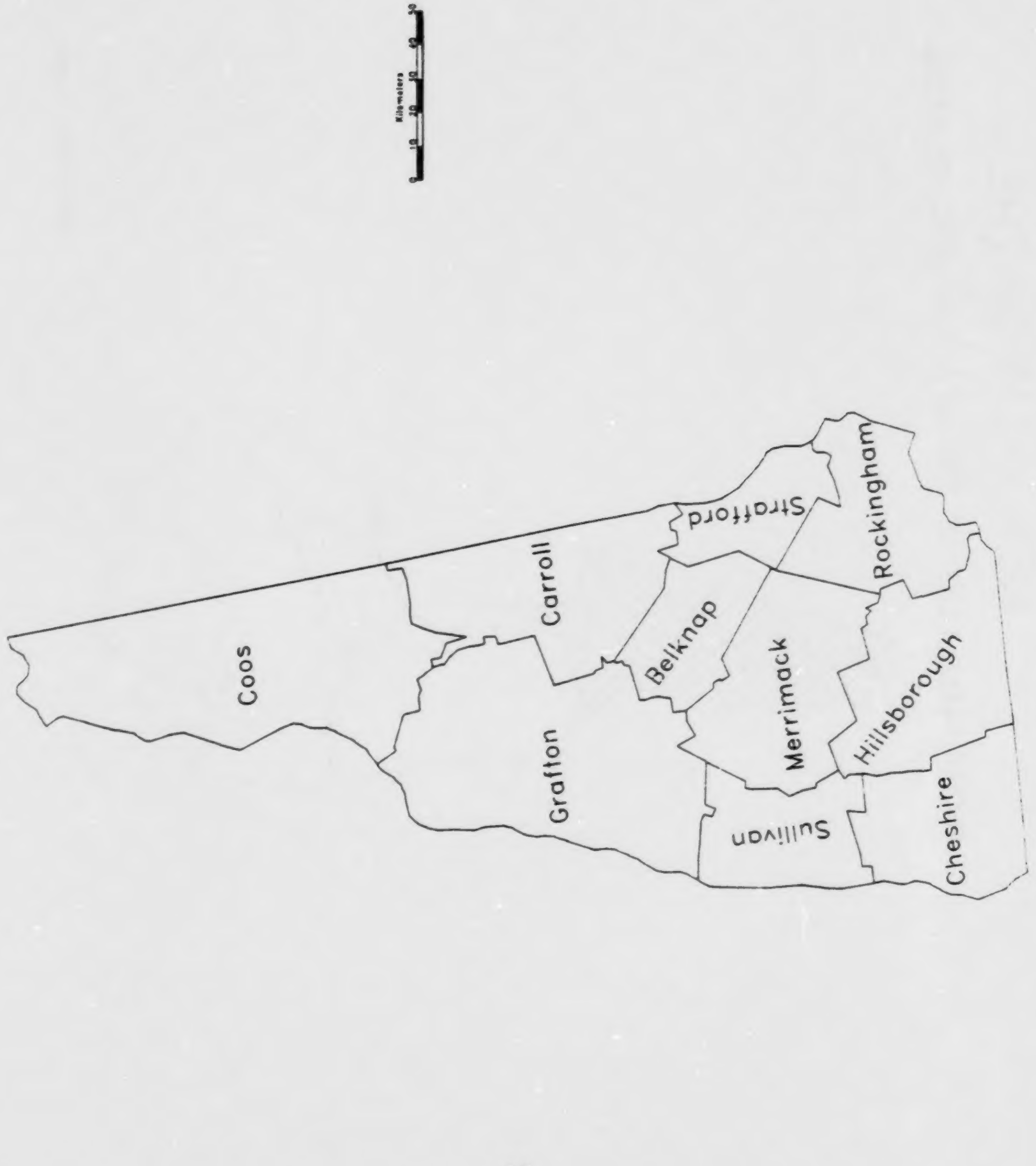
MASSACHUSETTS

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

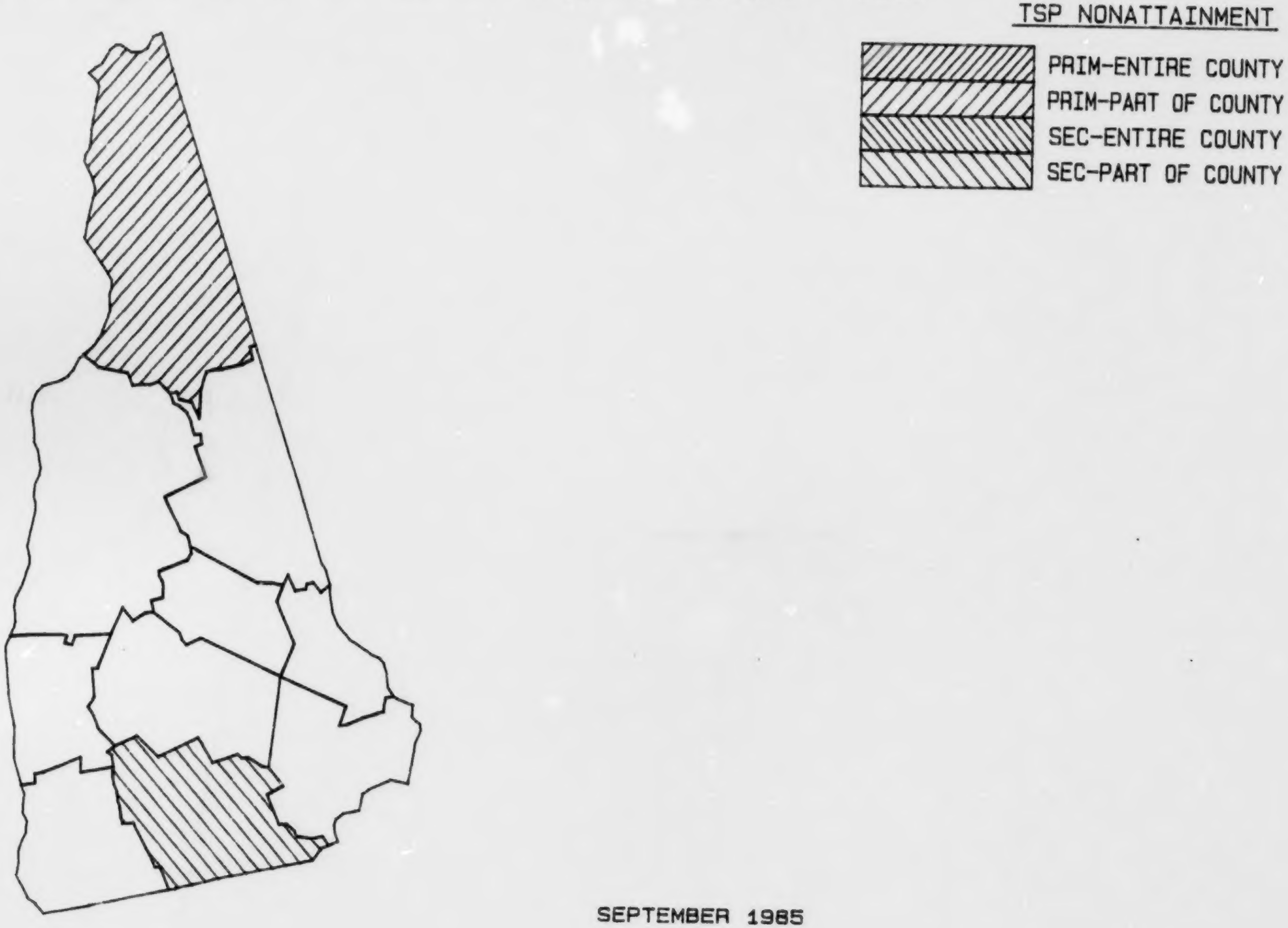
SEPTEMBER 1985

NEW HAMPSHIRE


Kilometers
0
10
20
30
40
50
Coos
Carroll
Grafton
Belknap
Strafford
Rockingham
Merrimack
Hillsborough
Sullivan
Cheshire

NEW HAMPSHIRE

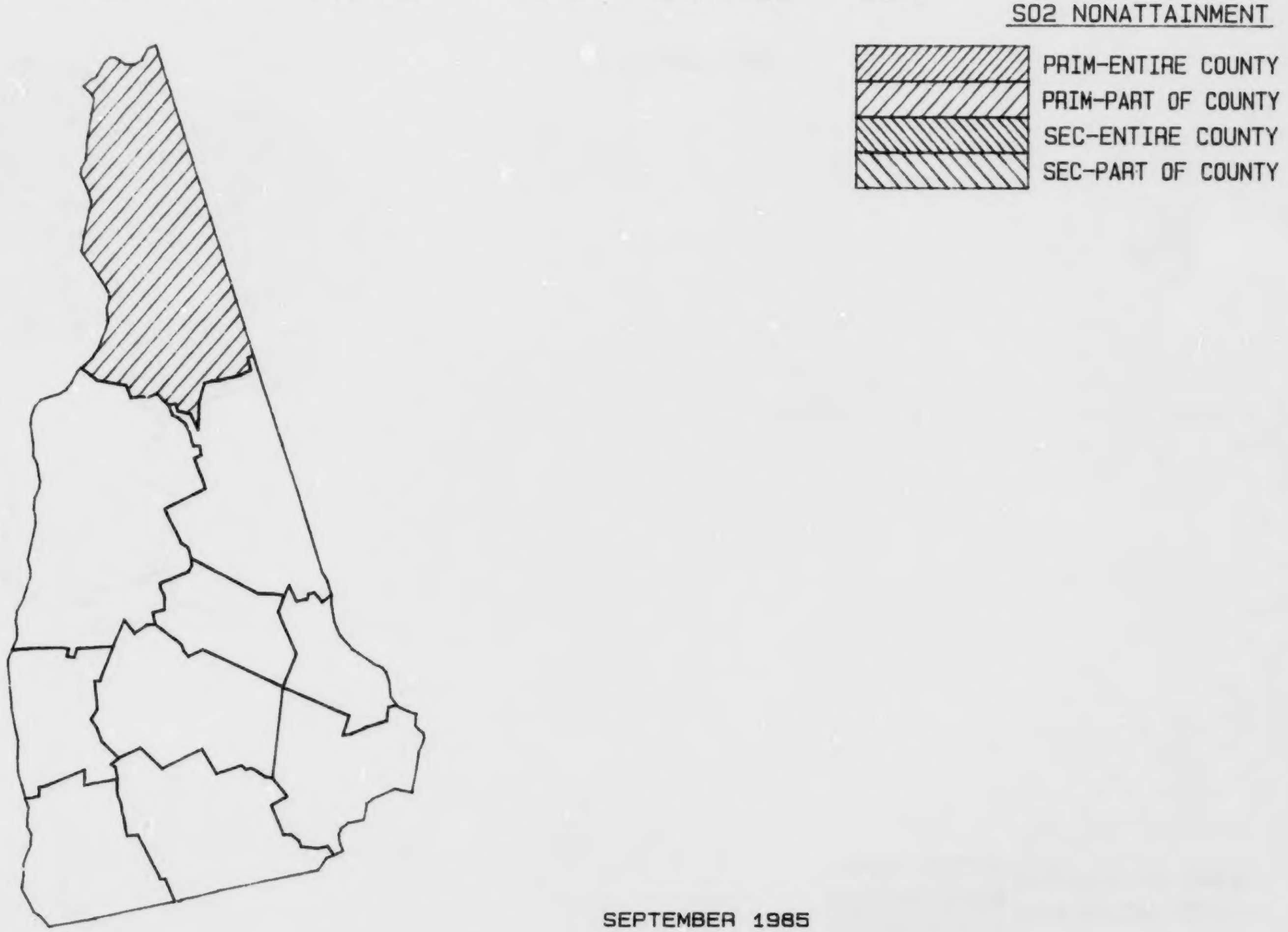
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

NEW HAMPSHIRE

PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
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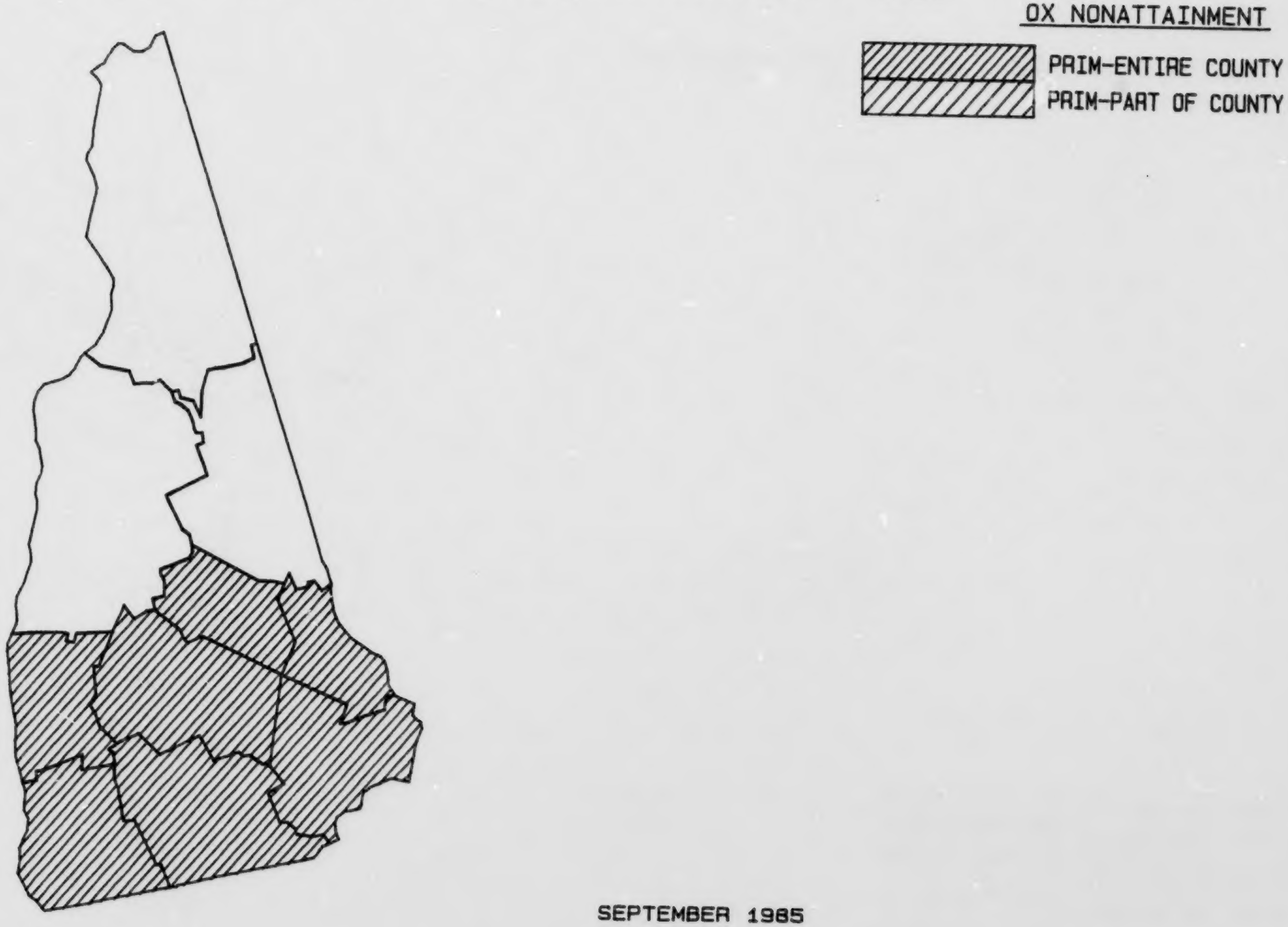
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

NEW HAMPSHIRE

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
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▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

NEW HAMPSHIRE

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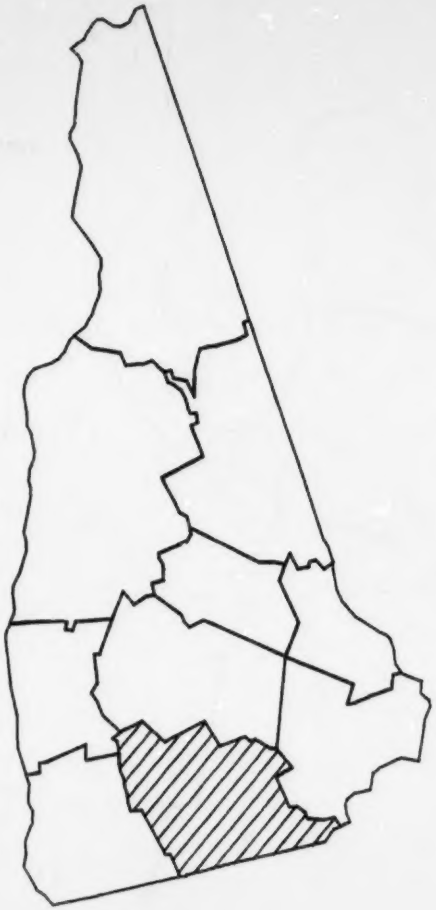


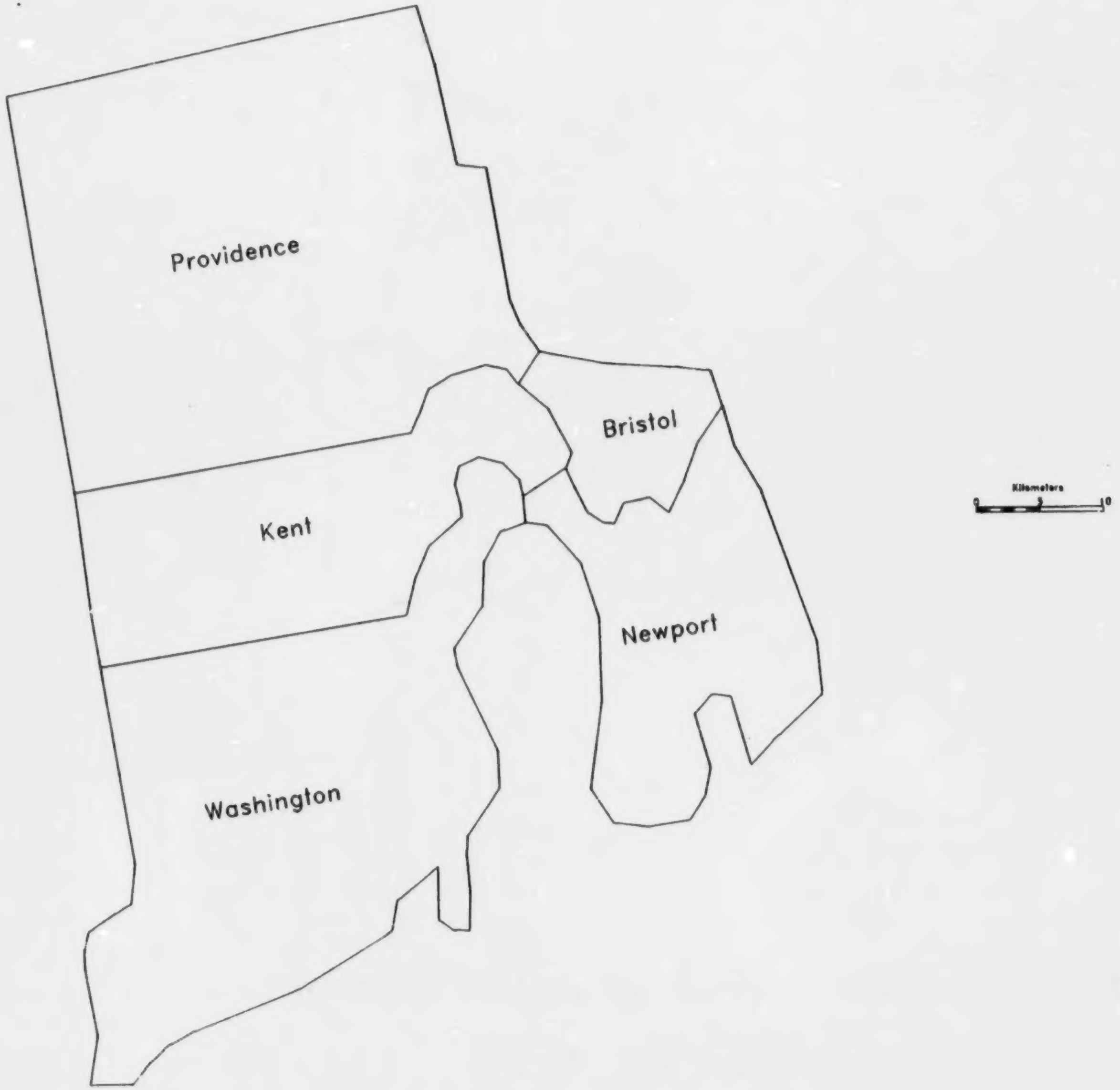
CO NONATTAINMENT

▨ PRIM-ENTIRE COUNTY

▨ PRIM-PART OF COUNTY

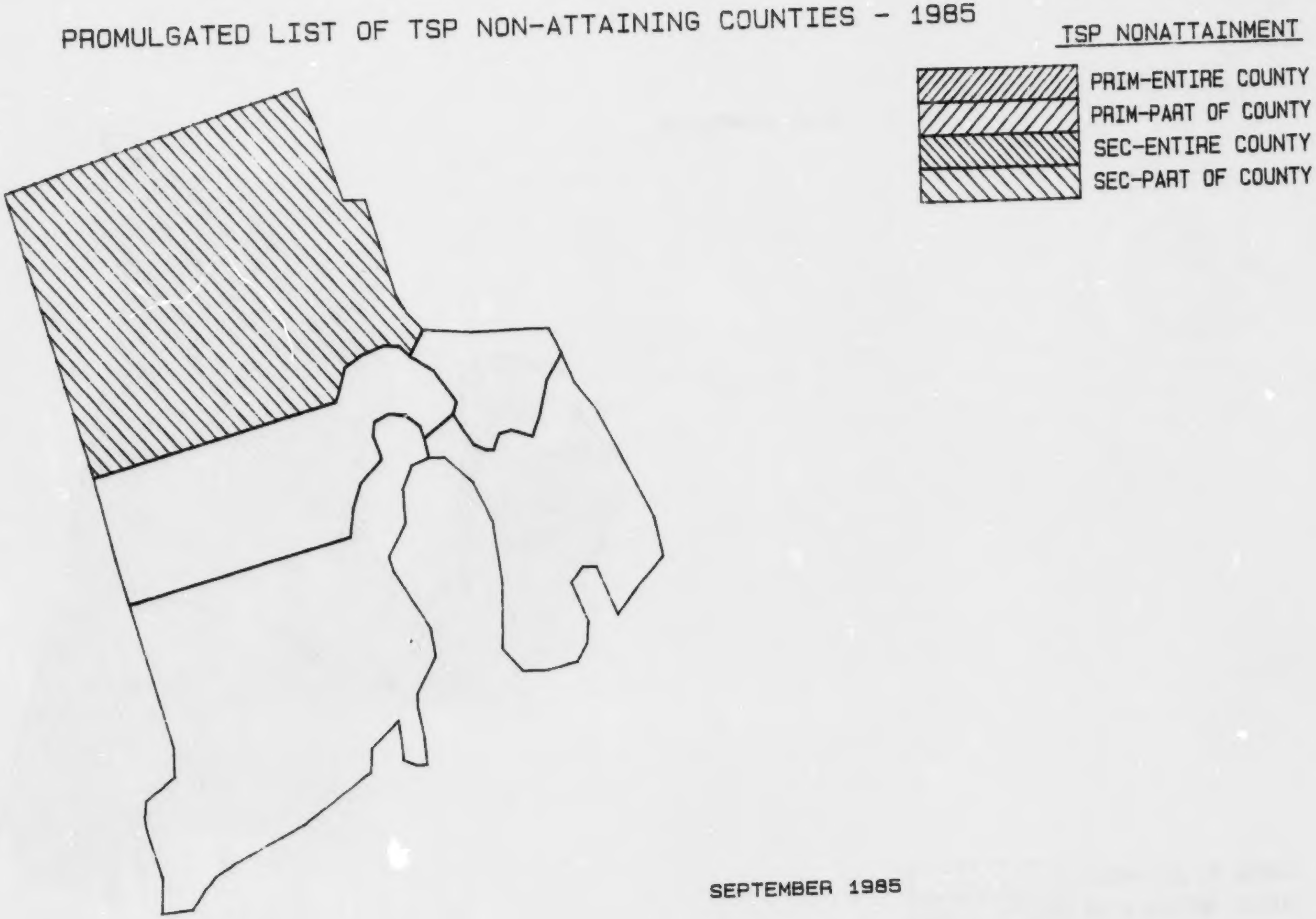
SEPTEMBER 1985

RHODE ISLAND


Providence
Kent
Washington
Bristol
Newport
Kilometers
0
5
10

RHODE ISLAND

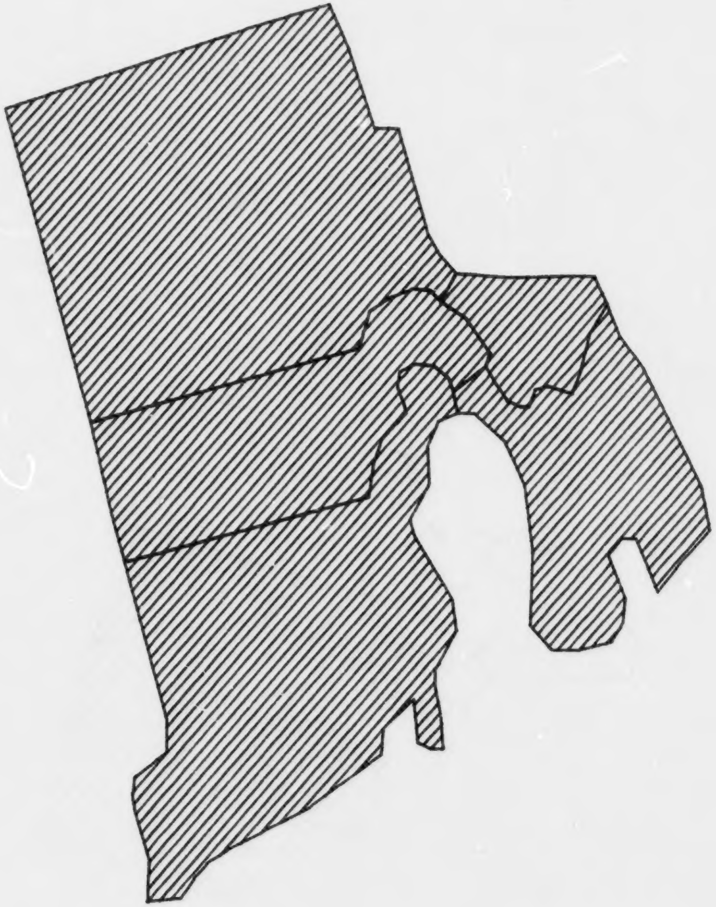
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY

SEPTEMBER 1985

RHODE ISLAND

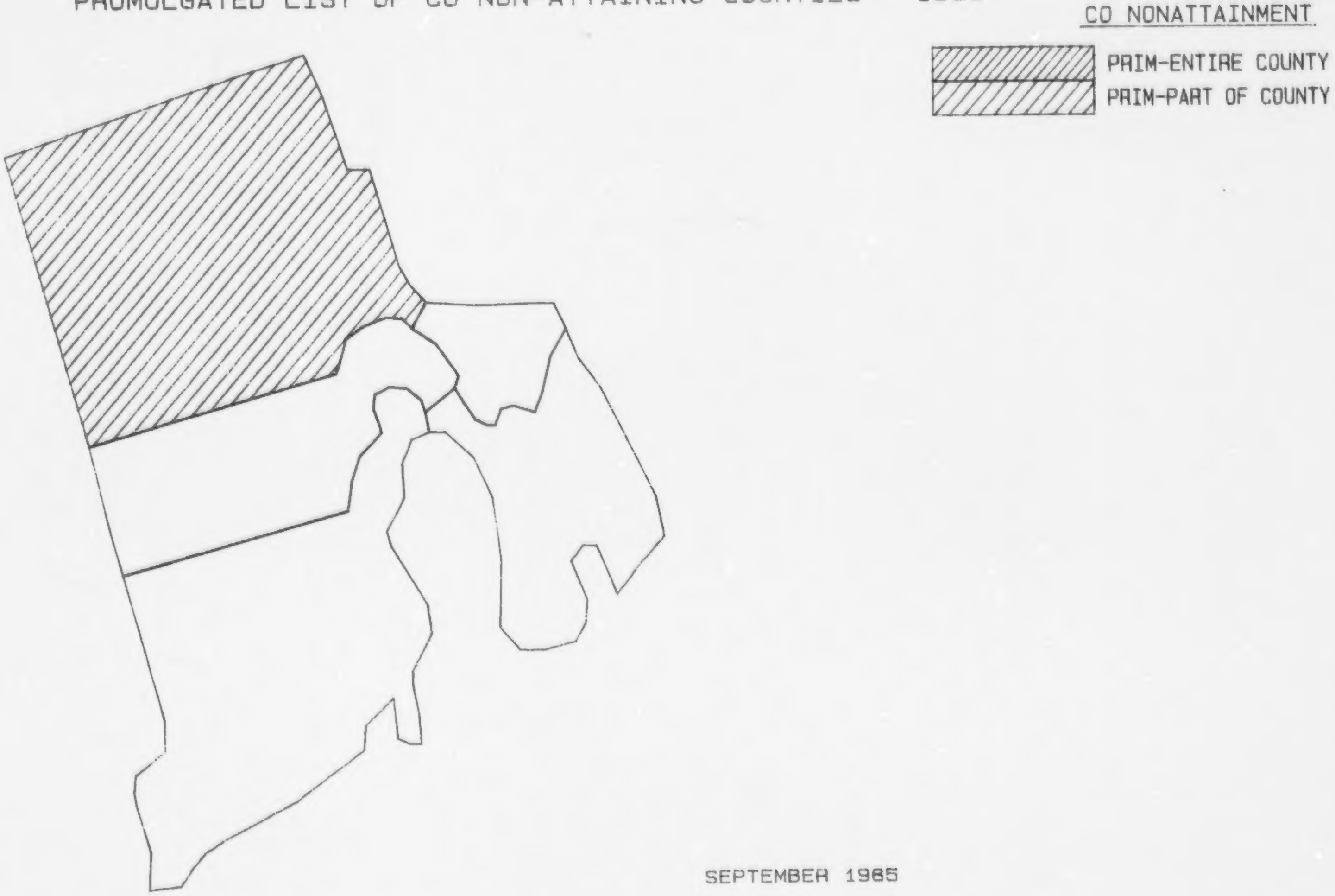
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

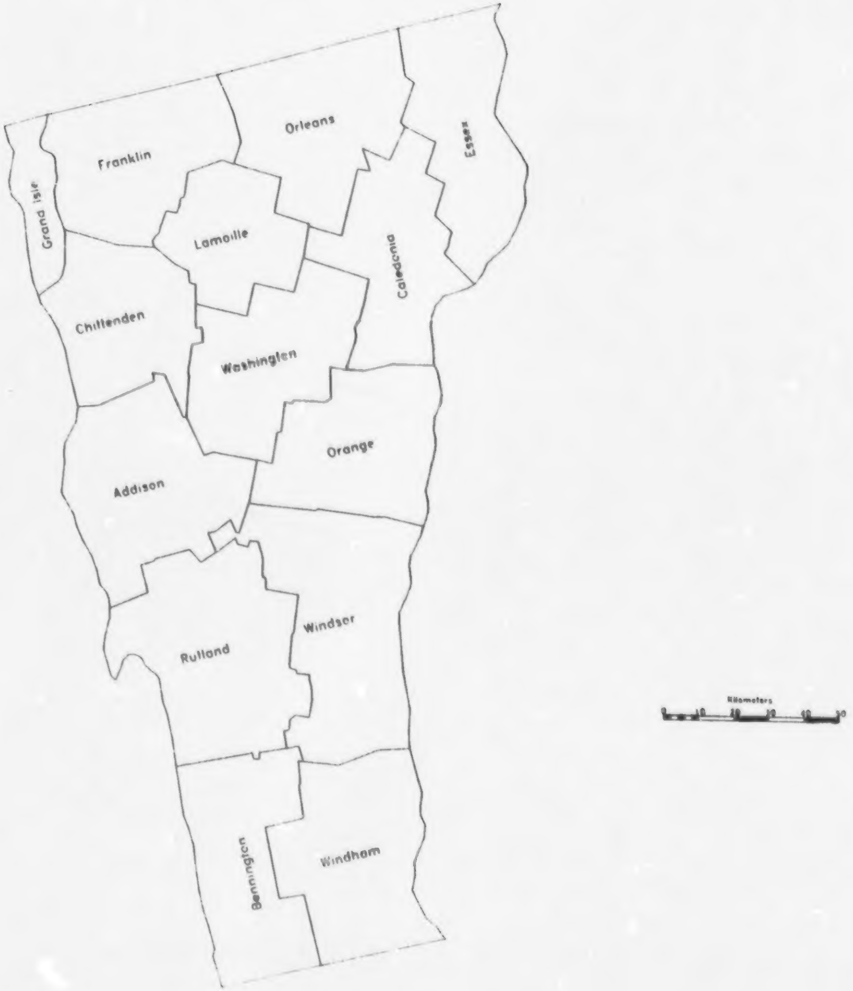
RHODE ISLAND

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

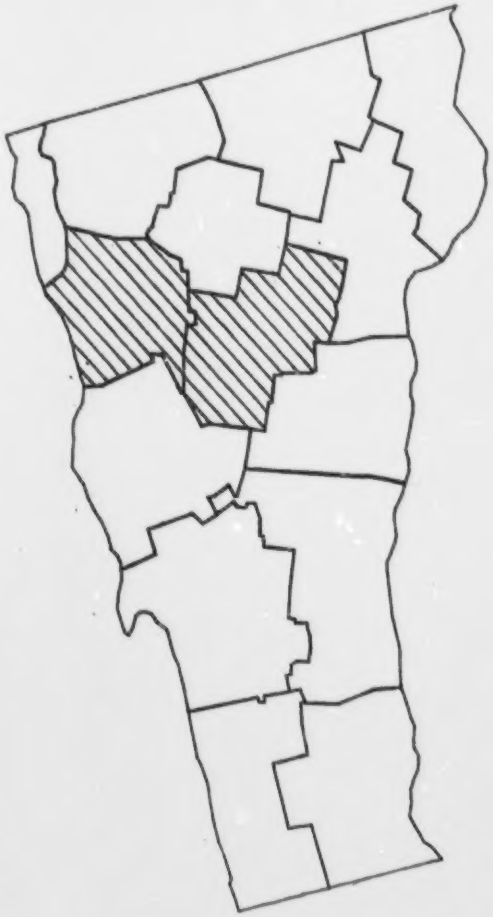
SEPTEMBER 1985

VERMONT


Grand Isle
Franklin
Orleans
Essex
Lamoille
Caledonia
Chittenden
Washington
Orange
Addison
Rutland
Windsor
Bennington
Windham
Kilometers
0
10
20
30
40
50

VERMONT

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985



TSP NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY

SEPTEMBER 1985

Region II

New Jersey, New York, Puerto Rico, Virgin Islands

Air Programs Branch
EPA Region II
Federal Office Building
26 Federal Plaza
New York, New York 10007
(212) 264-2517

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NEW JERSEY

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
ATLANTIC CO	194119					P		W
BERGEN CO	845385					P		W
BURLINGTON CO	362542					P		W
CAMDEN CO	471650		P			P		W
CAPE MAY CO	82266							W
CUMBERLAND CO	132866		P					W
ESSEX CO	851116		P			P		W
GLOUCESTER CO	199917							W
HUDSON CO	556972		W			P		W
HUNTERDON CO	87361							W
MERCER CO	307863					P		W
MIDDLESEX CO	595893		P			P		W
MONMOUTH CO	503173					P		W
MORRIS CO	407630					P		W
OCEAN CO	346038					P		W
PASSAIC CO	447585					P		W
SALEM CO	64676					P		W
SOMERSET CO	203129					P		W
SUSSEX CO	116119							W
UNION CO	504094		P			P		W
WARREN CO	84429							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NEW YORK

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
ALBANY CO	285909		P			P		
BRONX CO	1168972		P			W		W
ERIE CO	1015472	P	P					
GREENE CO	40861		P					
KINGS CO	2230936		P			W		W
NASSAU CO	1321582					P		W
NEW YORK CO	1428285		W			W		W
NIAGARA CO	227354		P					
ONONDAGA CO	463920		P			P		
QUEENS CO	1891325		P			W		W
RICHMOND CO	352121					P		W
ROCKLAND CO	259530							W
SARATOGA CO	153759					P		
SCHENECTADY CO	149946							W
WESTCHESTER CO	866599					P		W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

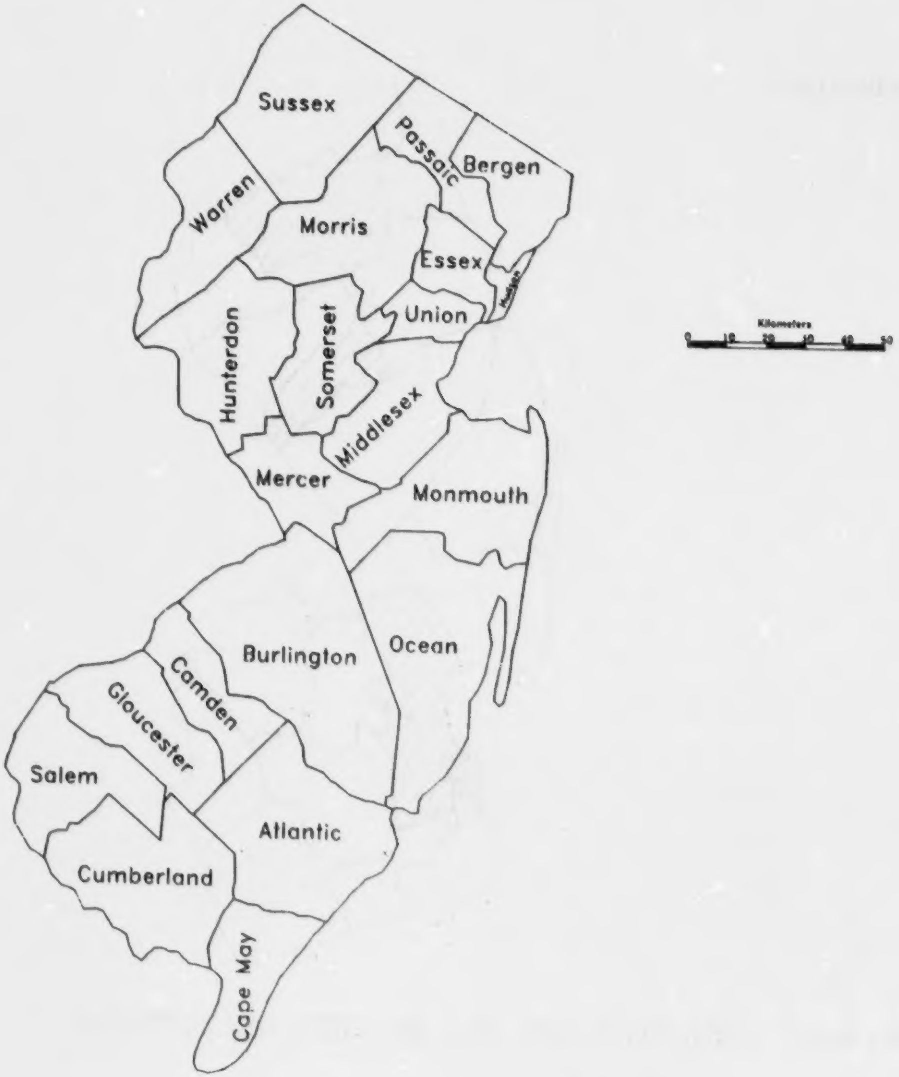
COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
PUERTO RICO

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
BAYAMON CO	196206	P						
CATANO CO	26243	W						
GUAYNABO CO	80742	P						
TOA BAJA CO	78246	P						

P = PART OF THE COUNTY

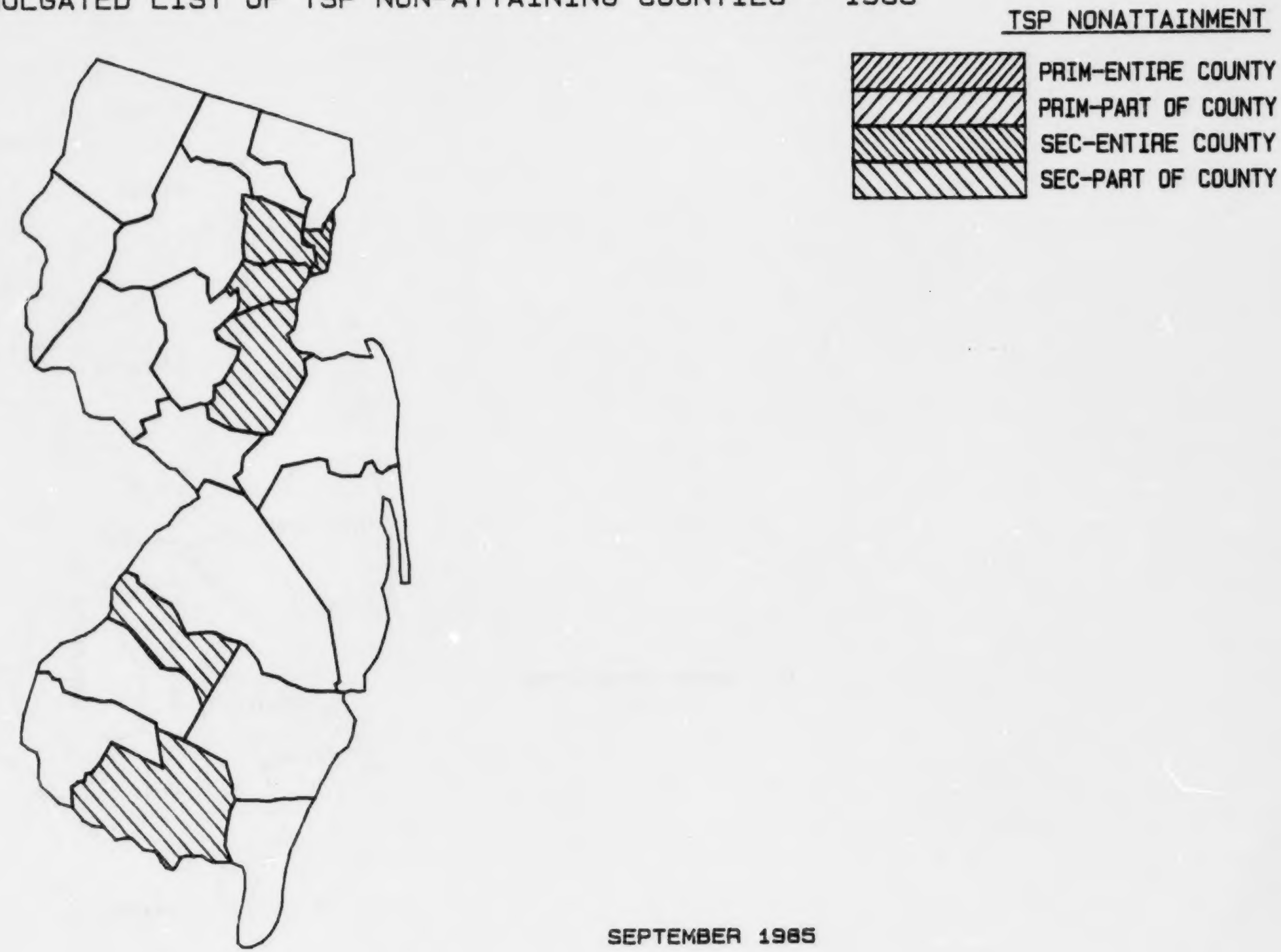
W = THE WHOLE COUNTY

NEW JERSEY


Sussex
Passaic
Bergen
Warren
Morris
Essex
Hudson
Union
Hunterdon
Somerset
Middlesex
Mercer
Monmouth
Burlington
Ocean
Camden
Gloucester
Salem
Atlantic
Cumberland
Cape May
Kilometers
0
10
20
30
40
50

NEW JERSEY

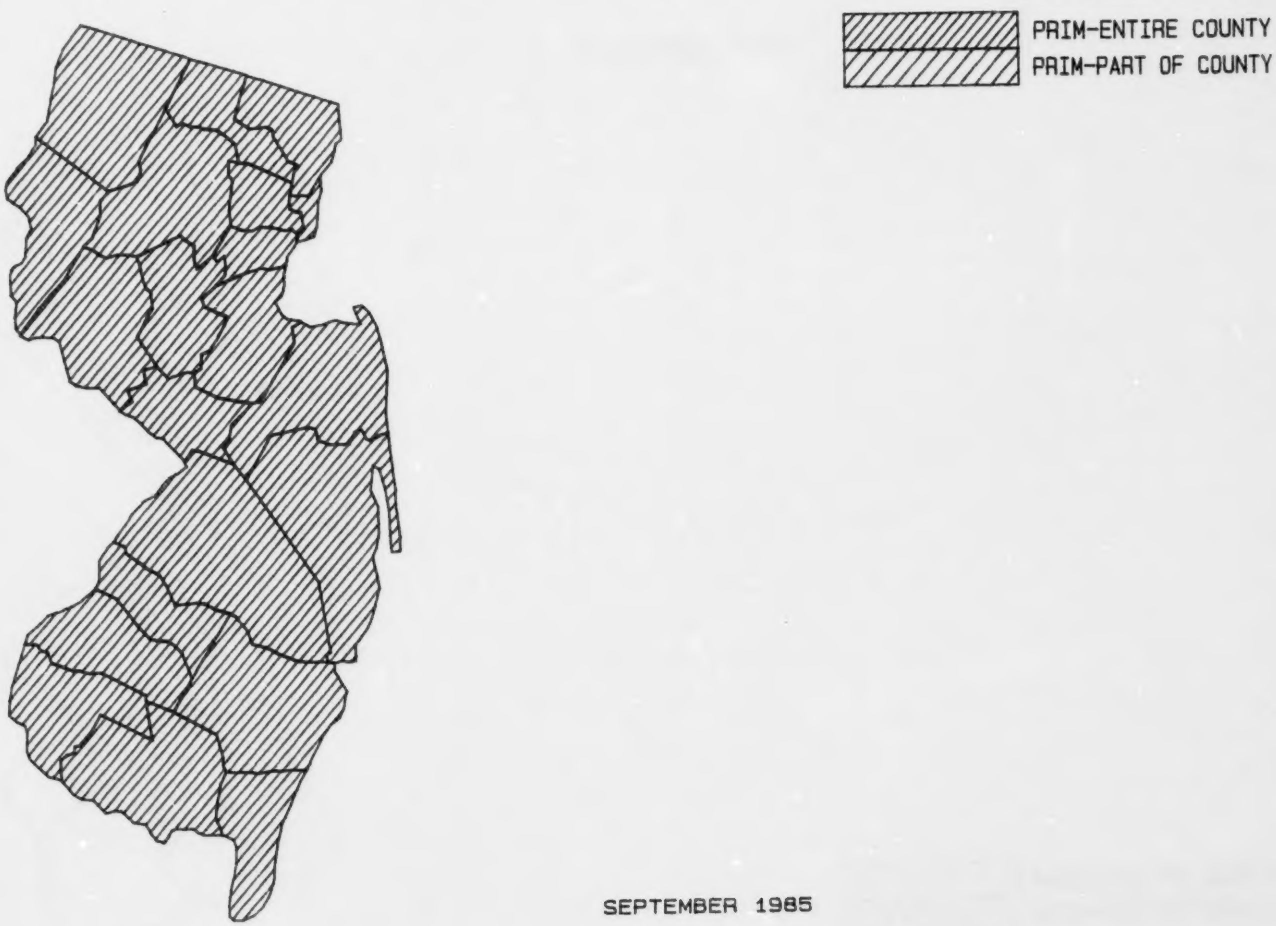
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

NEW JERSEY

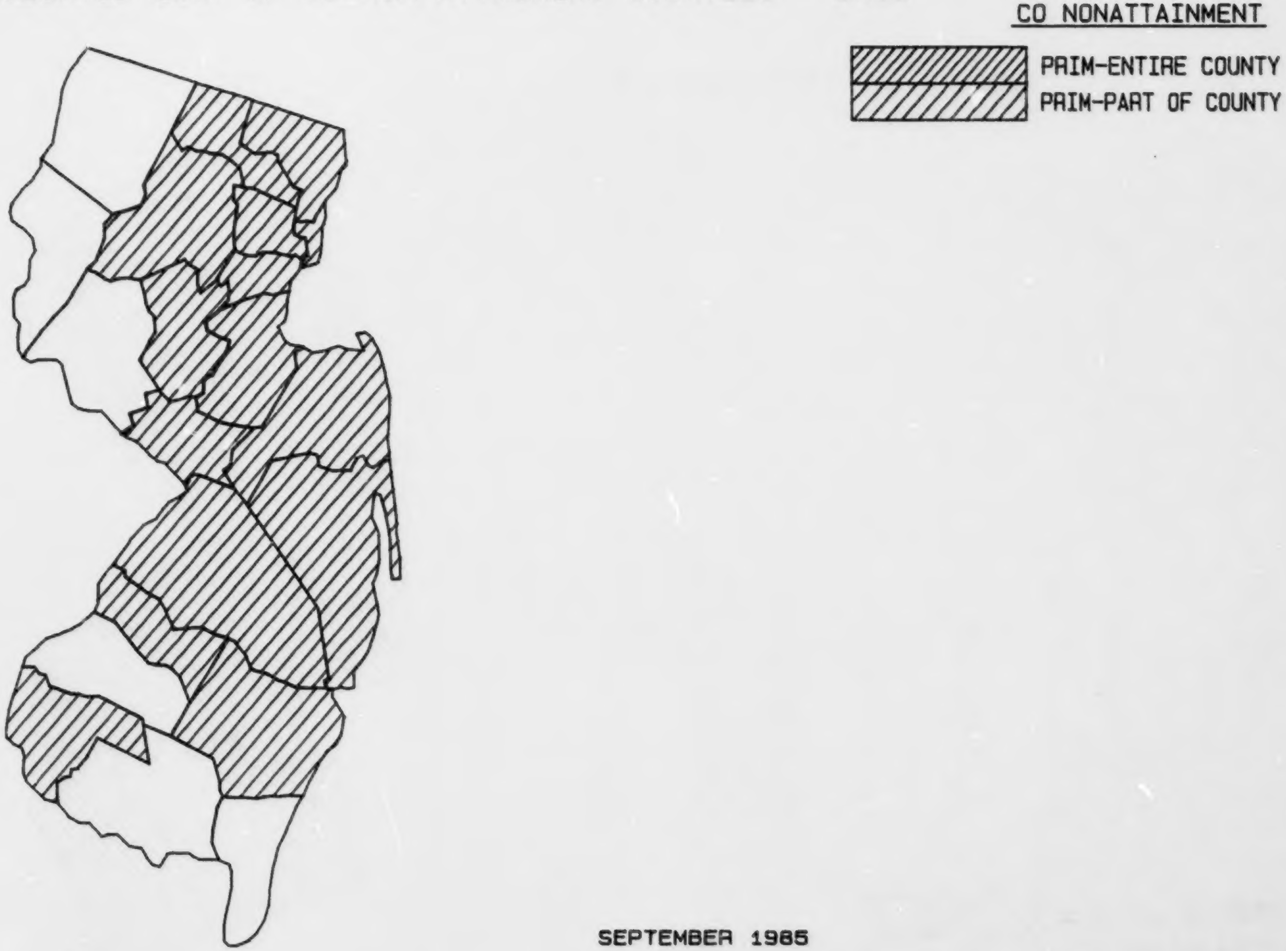
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

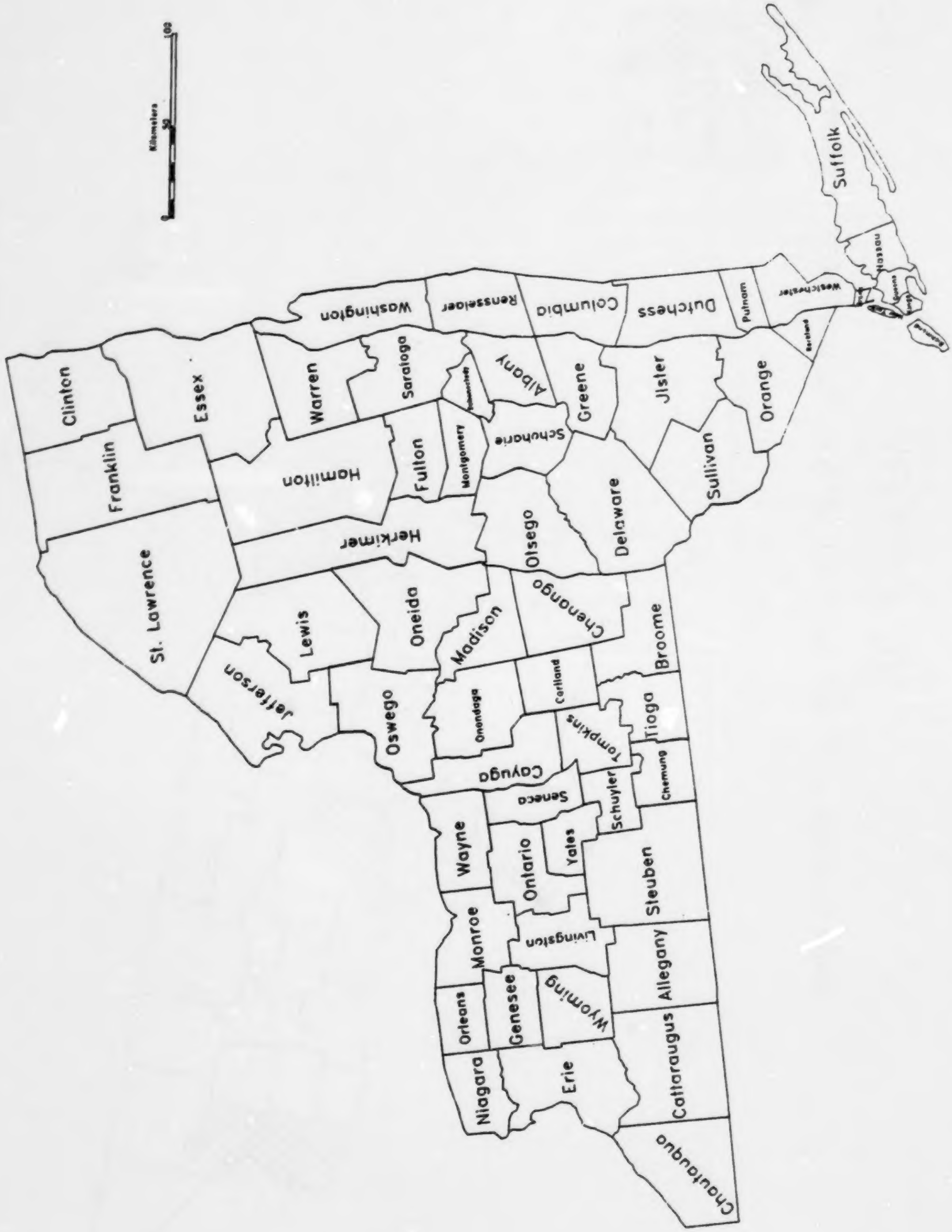
NEW JERSEY

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

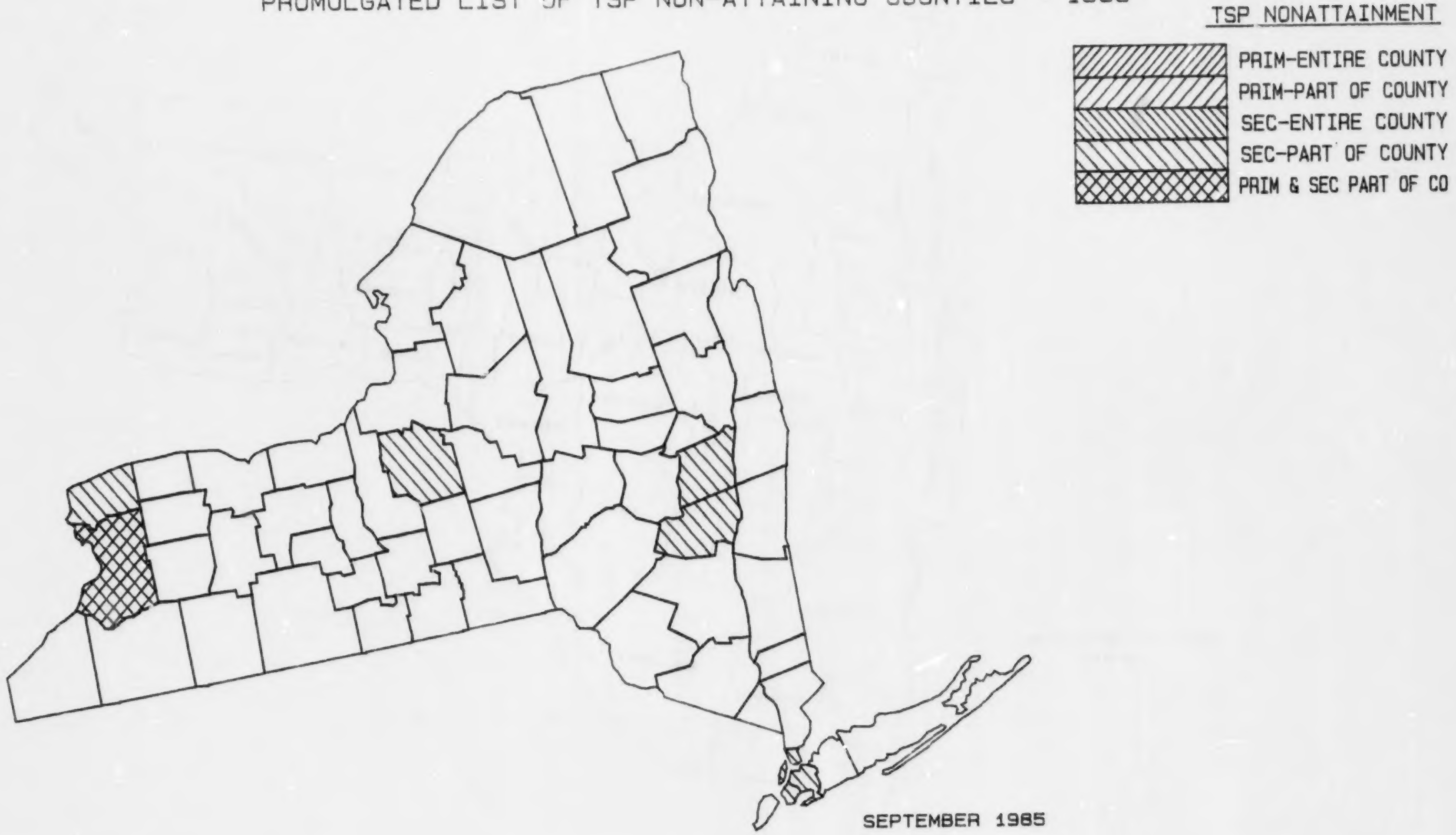
SEPTEMBER 1985

NEW YORK


Kilometers
0
50
100
Clinton
Franklin
St. Lawrence
Essex
Hamilton
Herkimer
Jefferson
Lewis
Warren
Washington
Saratoga
Fulton
Montgomery
Schenectady
Albany
Rensselaer
Columbia
Greene
Schoharie
Oneida
Oswego
Madison
Onondaga
Otsego
Delaware
Chenango
Cortland
Cayuga
Tompkins
Broome
Tioga
Chemung
Schuyler
Seneca
Yates
Wayne
Ontario
Steuben
Monroe
Livingston
Orleans
Genesee
Wyoming
Allegany
Niagara
Erie
Cattaraugus
Chautauqua
Ulster
Sullivan
Orange
Dutchess
Putnam
Westchester
Rockland
Nassau
Suffolk
Queens
Kings
Richmond

NEW YORK

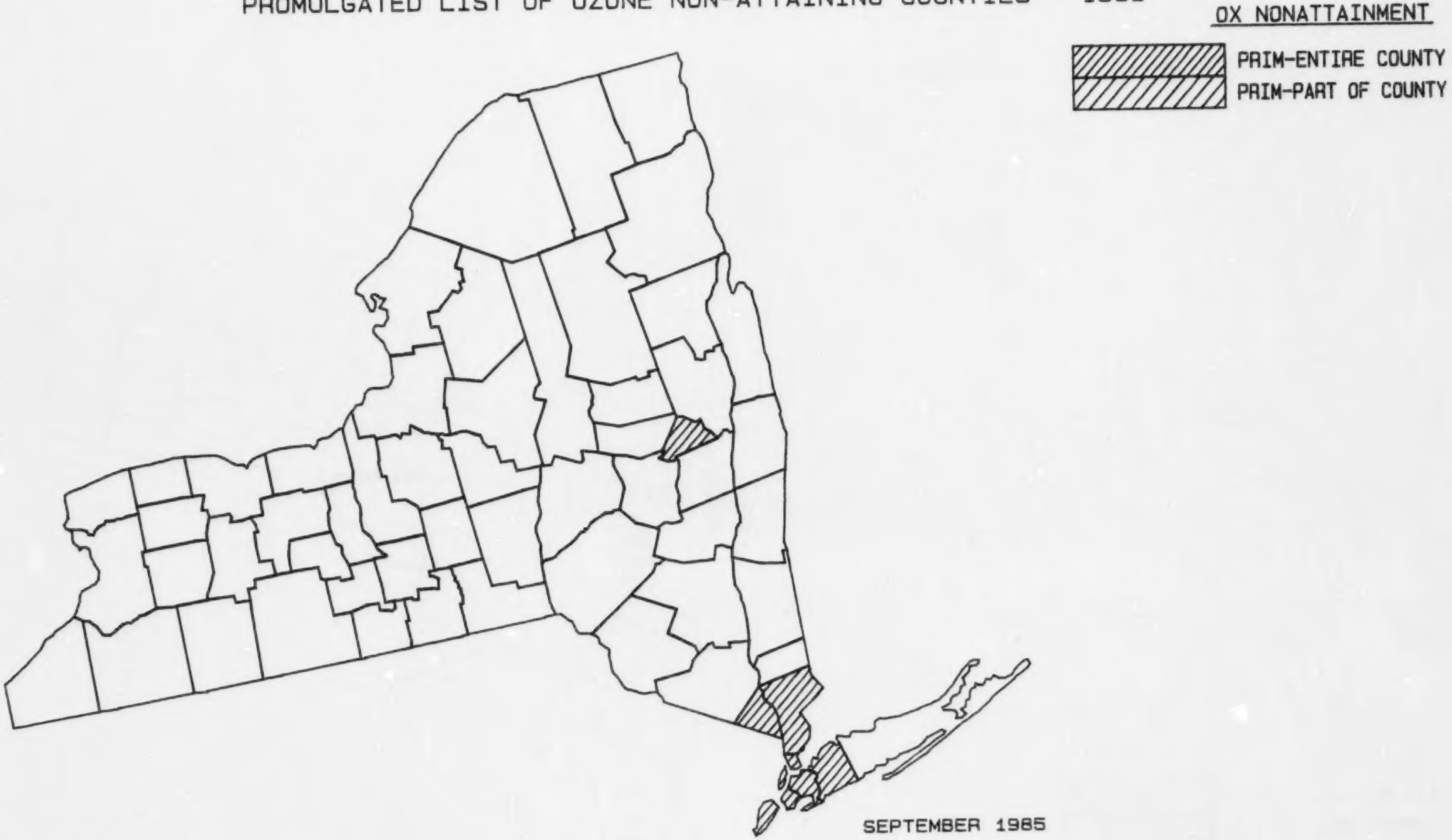
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY
▨ PRIM & SEC PART OF CO

SEPTEMBER 1985

NEW YORK

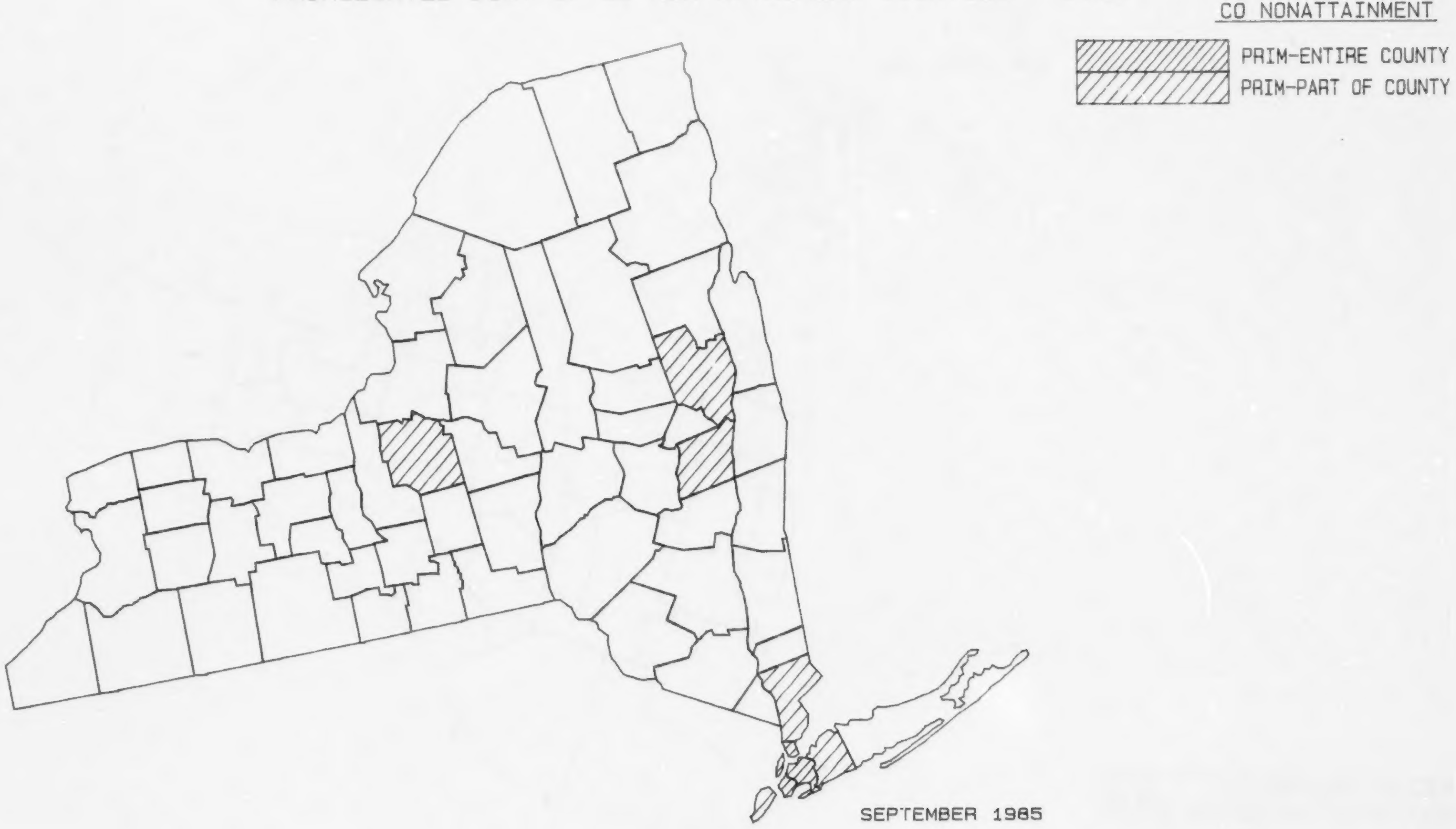
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

NEW YORK

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

Region III

Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia

Air Programs Branch
EPA Region III
841 Chestnut Building
Philadelphia, Pennsylvania 19107
(215) 597-4713

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR DELAWARE

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
NEW CASTLE CO	398115							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR DIST. COLUMBIA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
WASHINGTON	638432					W		W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR MARYLAND

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
ANNE ARUNDEL CO	370775		P					W
BALTIMORE CO	655615	P	P					W
CARROLL CO	96356							W
HARFORD CO	145930							W
HOWARD CO	118572							W
MONTGOMERY CO	579053					P		W
PRINCE GEORGES CO	665071					P		W
BALTIMORE	786775	P	P			P		W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR PENNSYLVANIA

COUNTY	POPULATION	T S P		S O 2				
		PRIM	SEC	PRIM	SEC	C O	NO2	O Z
ADAMS CO	68292							W
ALLEGHENY CO	1450085	P		P		P		W
ARMSTRONG CO	77768			P				W
BEAVER CO	204441	P						W
BEDFORD CO	46784							W
BERKS CO	312509		P					W
BLAIR CO	136621		P					W
BUCKS CO	479211							W
BUTLER CO	147912							W
CAMBRIA CO	183263	P						W
CARBON CO	53285							W
CENTRE CO	112760							W
CHESTER CO	316660		P					W
CLEARFIELD CO	83578							W
CRAWFORD CO	88869							W
CUMBERLAND CO	178541							W
DAUPHIN CO	232317							W
DELAWARE CO	555007							W
ERIE CO	279780		P					W
FAYETTE CO	159417							W
FRANKLIN CO	113629							W
GREENE CO	40476							W
INDIANA CO	92281							W
JUNIATA CO	19188							W
LACKAWANNA CO	227908							W
LANCASTER CO	362346		P					W
LAWRENCE CO	107150	P						W
LEBANON CO	108582							W
LEHIGH CO	272349	P						W
LUZERNE CO	343079							W
LYCOMING CO	118416							W
MERCER CO	128299	P						W
MONROE CO	69409							W
MONTGOMERY CO	643621		P					W
NORTHAMPTON CO	225418	P						W
NORTHUMBERLAND CO	100381			P	P			W
PERRY CO	35718							W
PHILADELPHIA CO	1688210		P			P		W
PIKE CO	18271							W
SCHUYLKILL CO	160630							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR PENNSYLVANIA

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
SNYDER CO	33584			P				W
SOMERSET CO	81243							W
SUSQUEHANNA CO	37876							W
WARREN CO	47449			P				W
WASHINGTON CO	217074	P						W
WAYNE CO	35237							W
WESTMORELAND CO	392294	P						W
WYOMING CO	26433							W
YORK	312963	P						W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR VIRGINIA

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
ARLINGTON CO	152599					W		W
CHESTERFIELD CO	141372							W
FAIRFAX CO	596901					P		W
HENRICO CO	180735							W
LOUDOUN CO	57427							W
PRINCE WILLIAM CO	144703							W
ALEXANDRIA	103217					W		W
FAIRFAX	19390							W
FALLS CHURCH	9515							W
MANASSAS	15438							W
MANASSAS PARK	6524							W
RICHMOND	219214							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

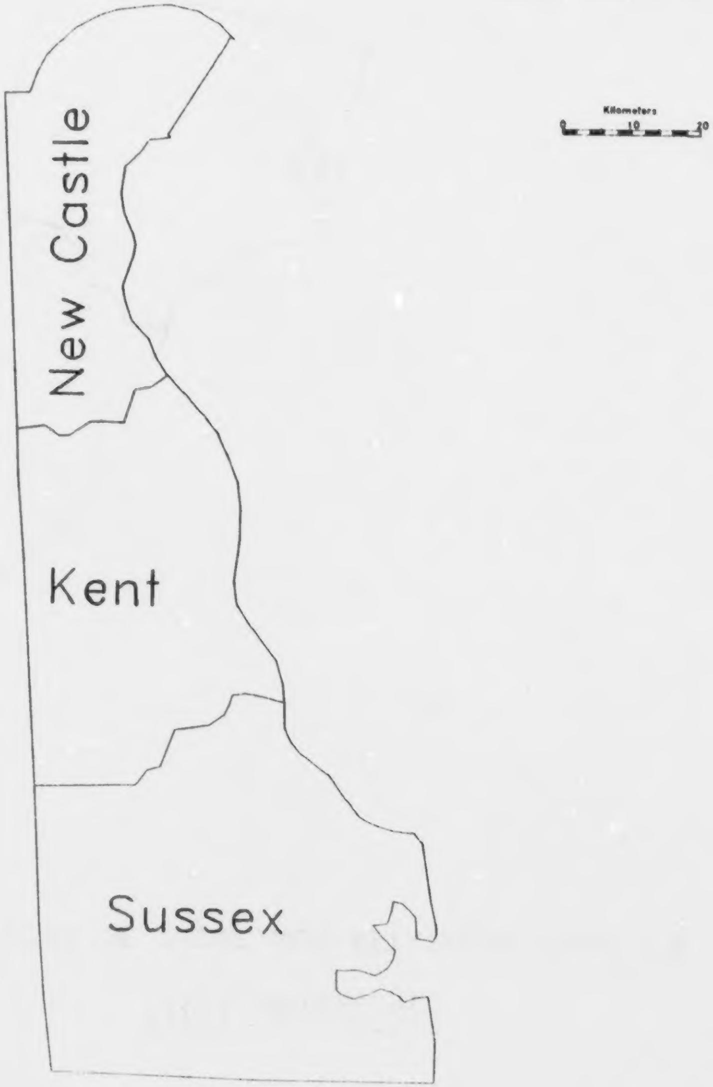
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
WEST VIRGINIA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
BROOKE CO	31117	W						
FAYETTE CO	57863		P					
HANCOCK CO	41053	W		P				
OHIO CO	61389	W						
WOOD CO	93648		P					

P = PART OF THE COUNTY

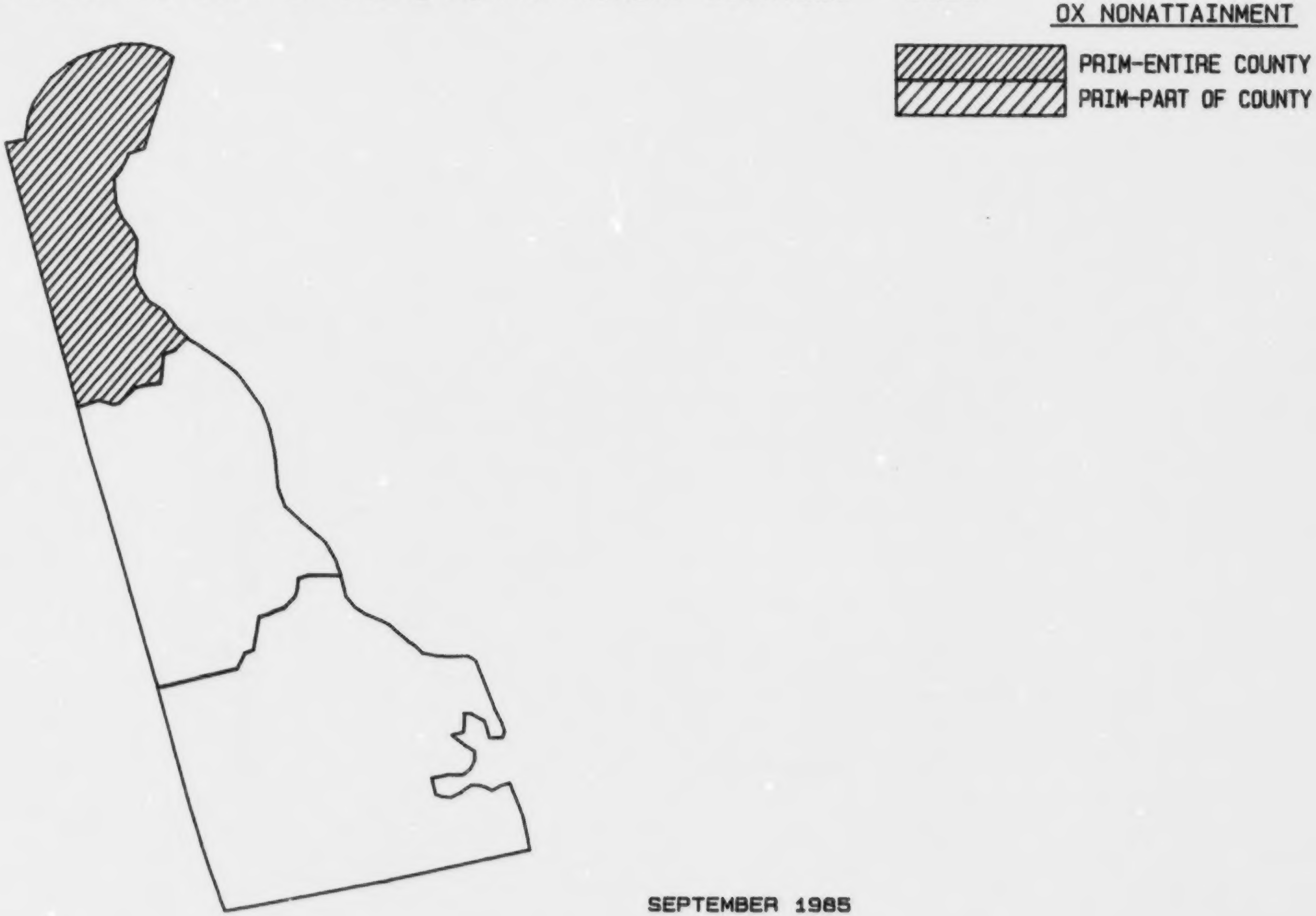
W = THE WHOLE COUNTY

DELAWARE


New Castle
Kent
Sussex
Kilometers
0
10
20

DELAWARE

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

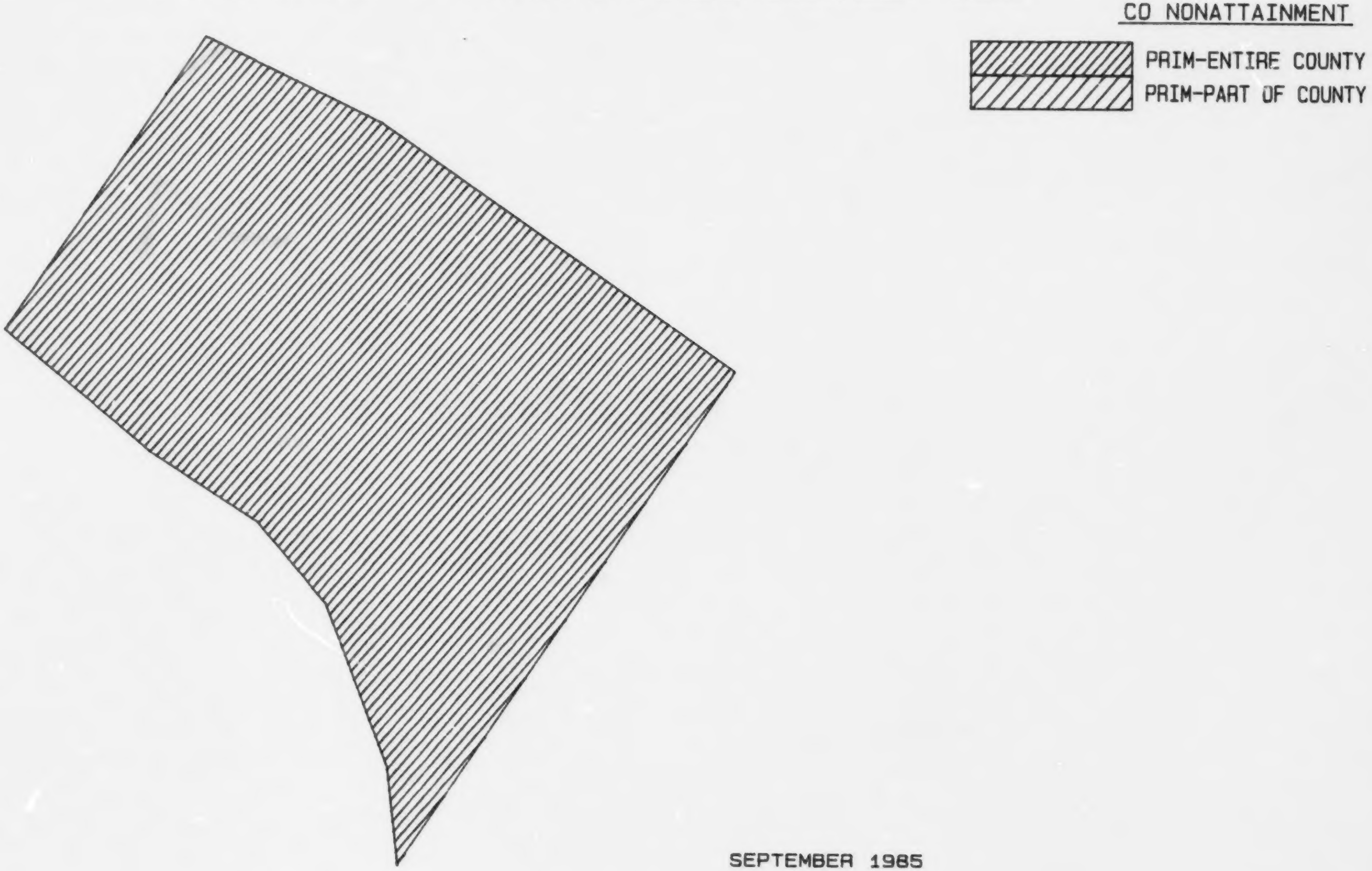
SEPTEMBER 1985

DISTRICT OF COLUMBIA

Washington
Kilometers

DISTRICT OF COLUMBIA

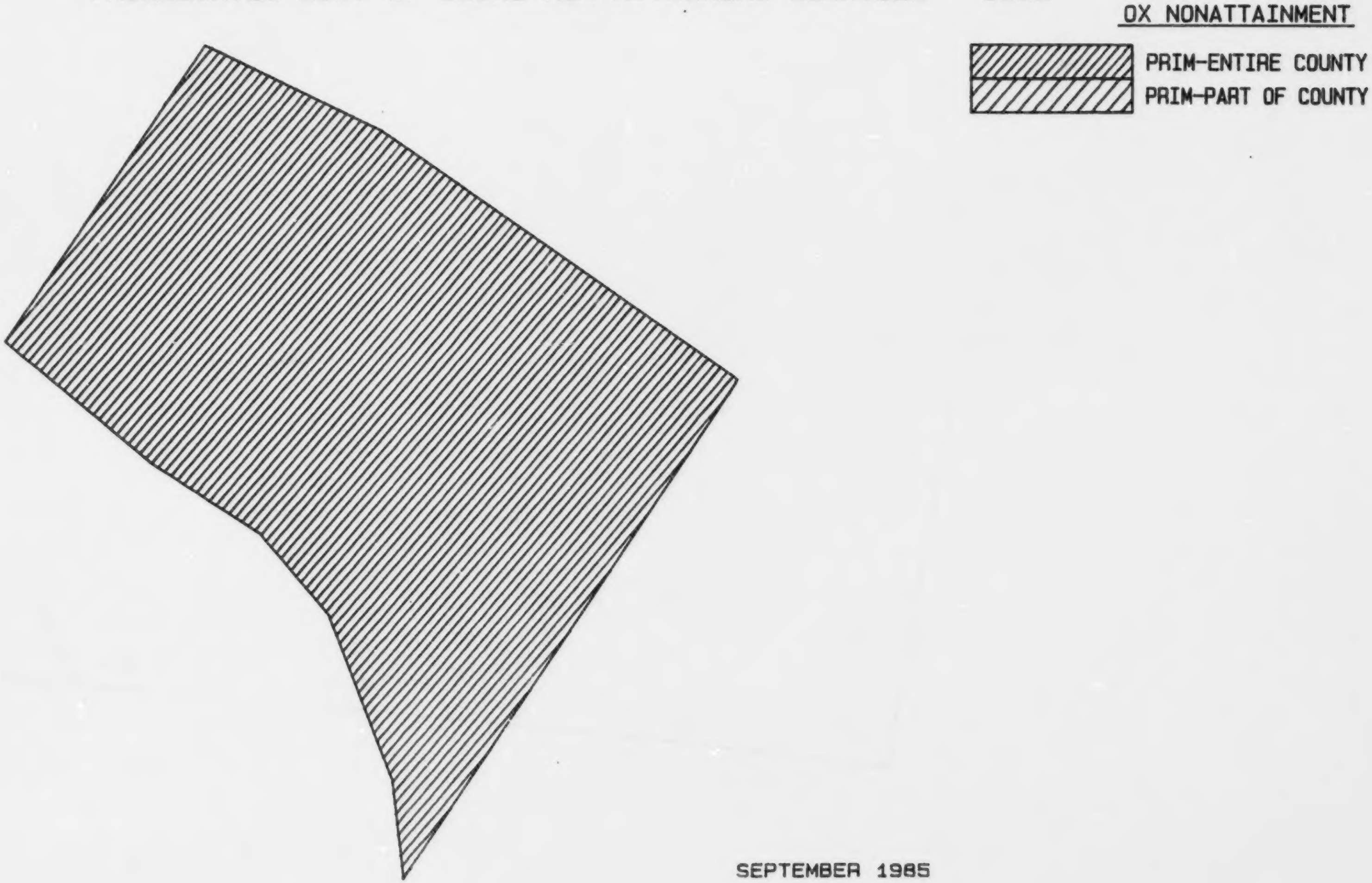
PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

DISTRICT OF COLUMBIA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

MARYLAND

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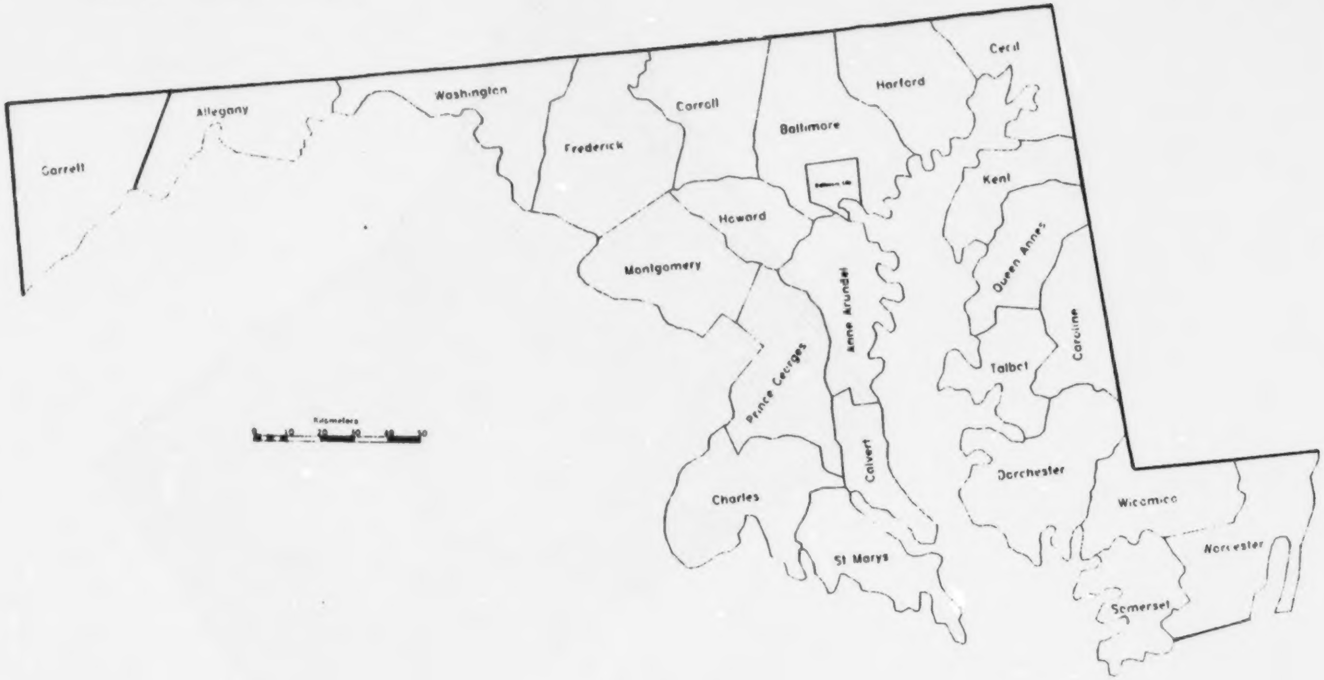
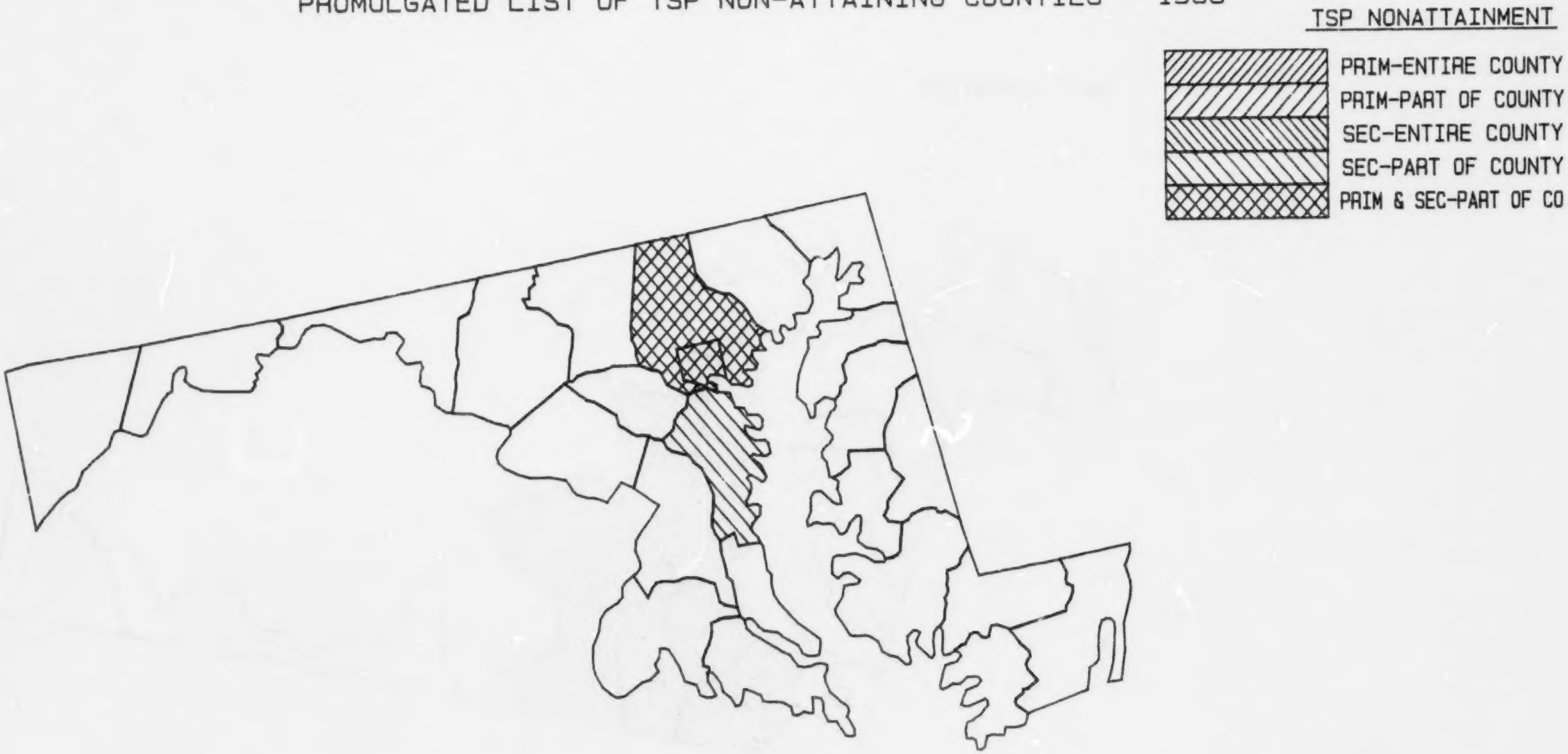

Garrett
Allegany
Washington
Frederick
Carroll
Baltimore
Harford
Cecil
Kent
Queen Annes
Caroline
Talbot
Howard
Montgomery
Anne Arundel
Prince Georges
Calvert
Charles
St Marys
Dorchester
Wicomico
Worcester
Somerset
Kilometers
0 10 20 30 40 50

MARYLAND

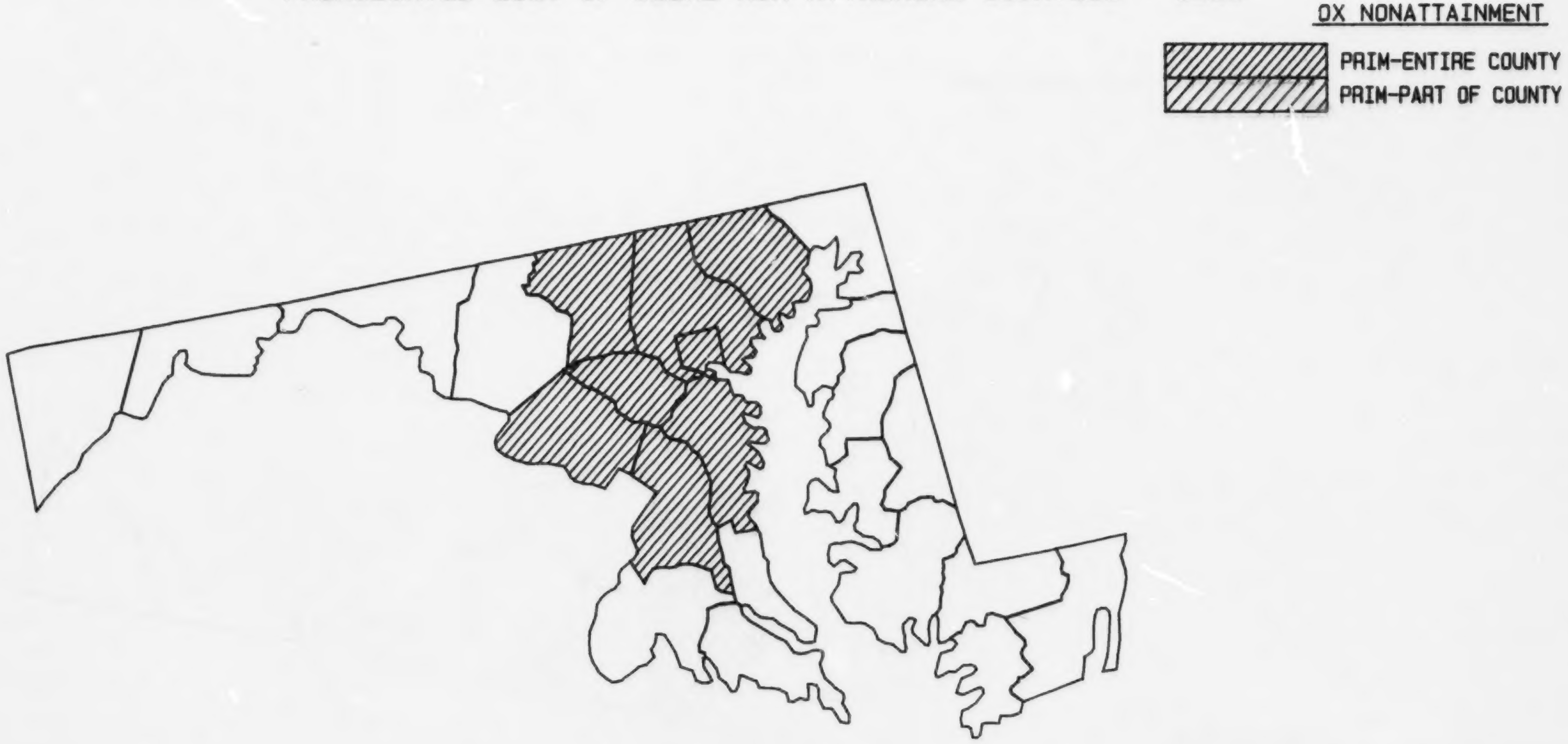
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY
▦ PRIM & SEC-PART OF CO

SEPTEMBER 1985

MARYLAND

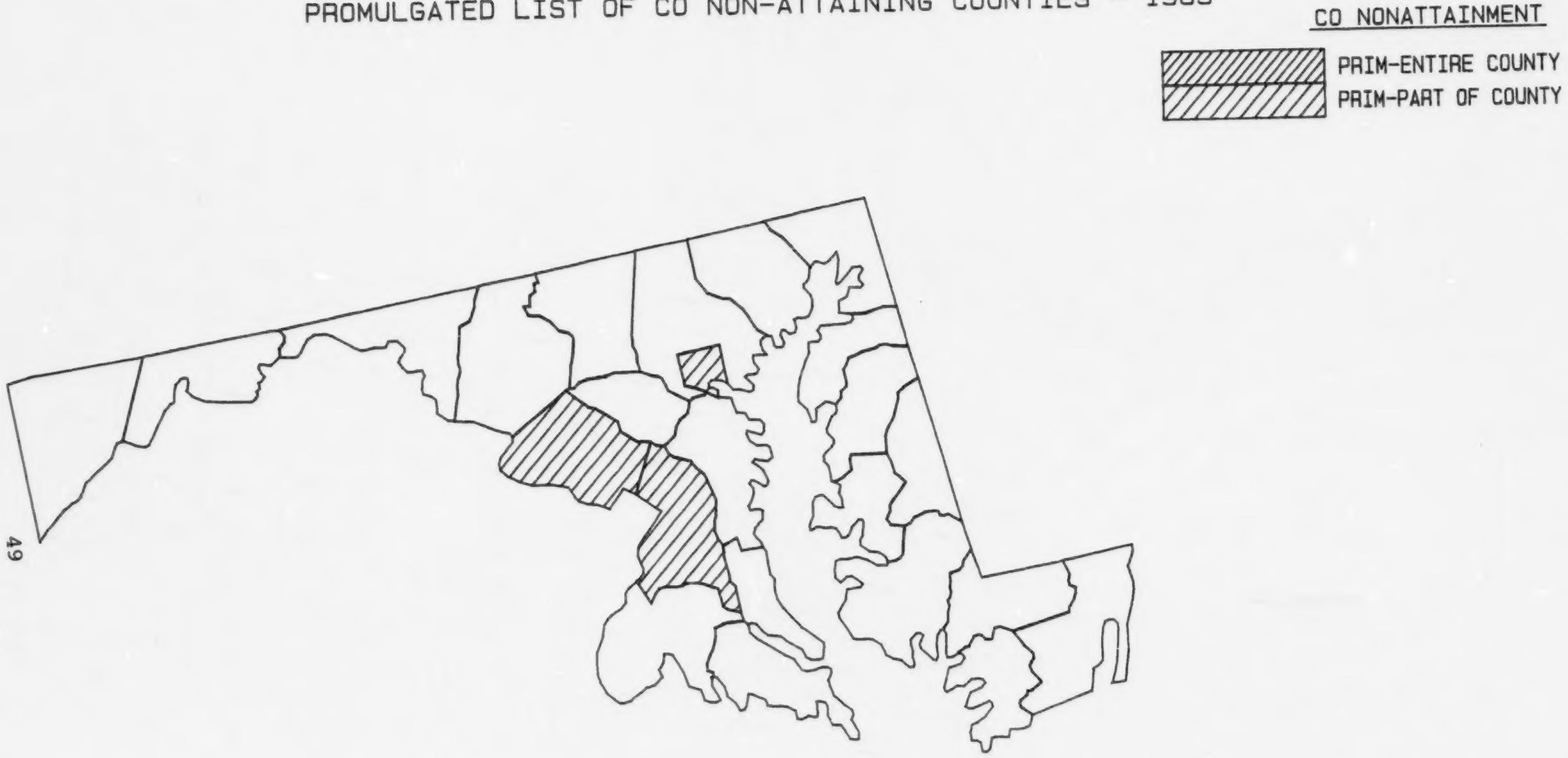
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

MARYLAND

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

PENNSYLVANIA

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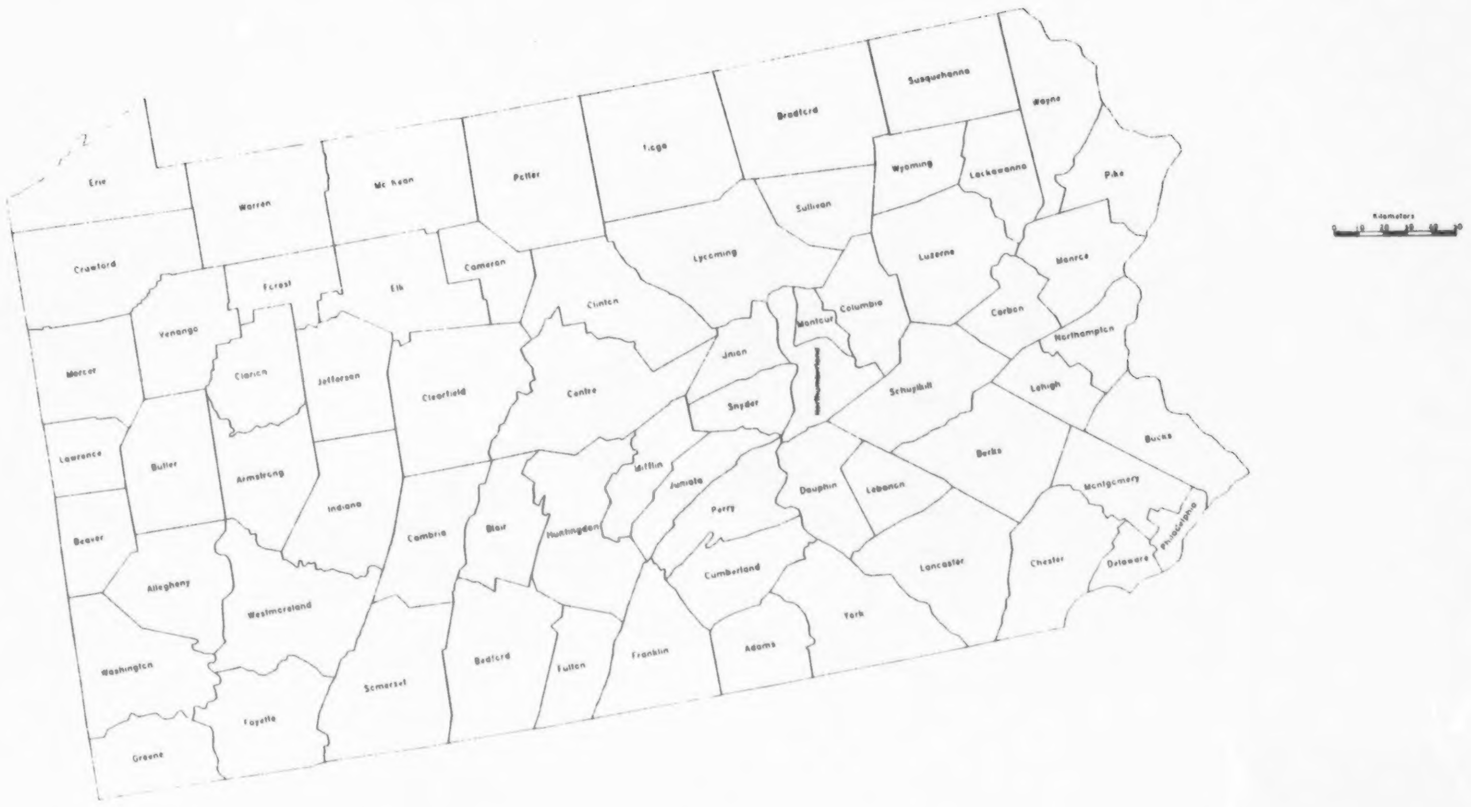
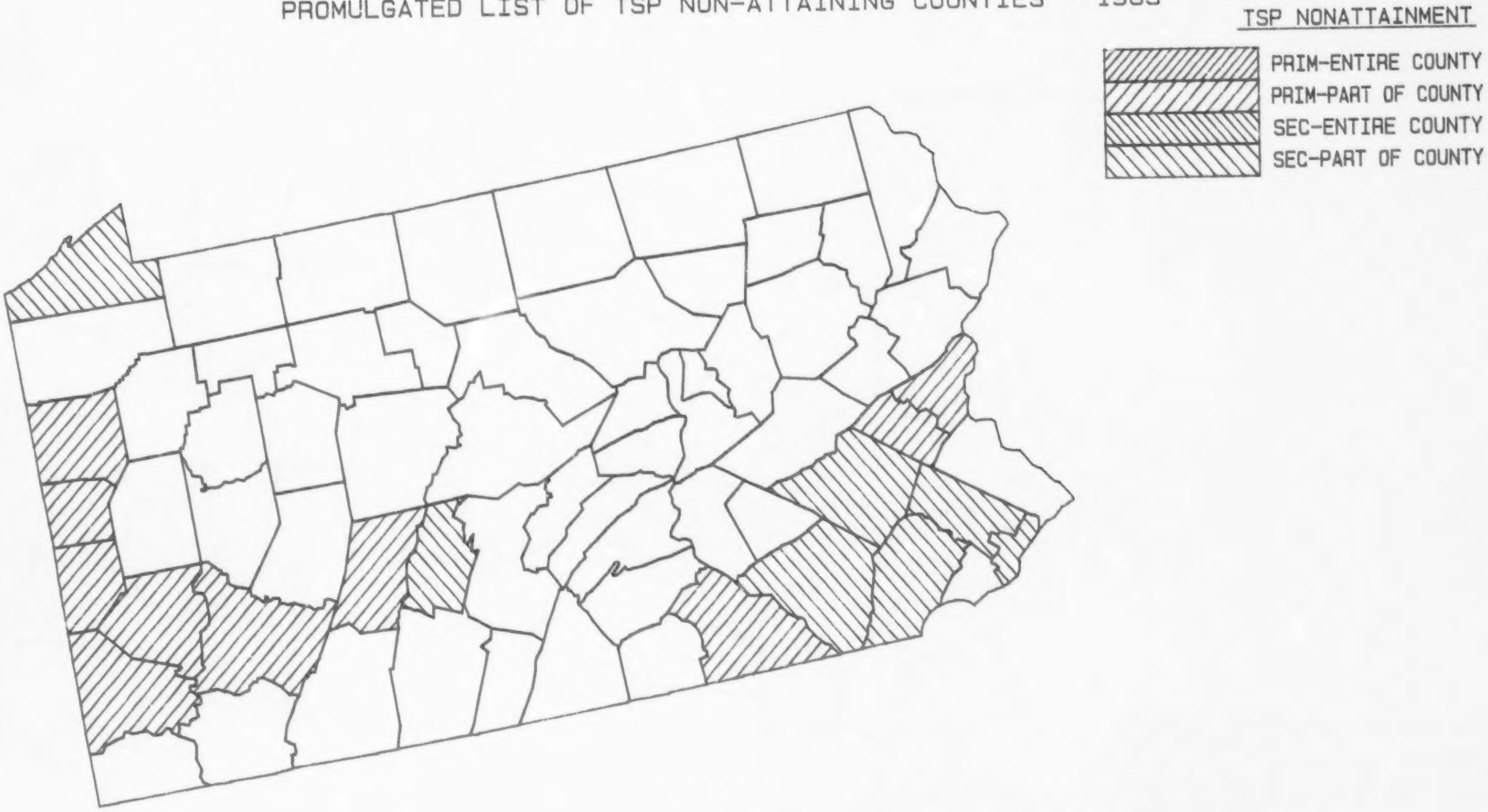
best available copy.


Erie
Warren
Mc Kean
Potter
Tioga
Bradford
Susquehanna
Wayne
Crawford
Forest
Elk
Cameron
Lycoming
Sullivan
Wyoming
Lackawanna
Pike
Luzerne
Monroe
Clinton
Montour
Columbia
Carbon
Northampton
Venango
Clarion
Jefferson
Clearfield
Centre
Union
Snyder
Northumberland
Schuylkill
Lehigh
Bucks
Mercer
Lawrence
Butler
Armstrong
Indiana
Mifflin
Juniata
Dauphin
Lebanon
Berks
Montgomery
Beaver
Cambria
Blair
Huntingdon
Perry
Philadelphia
Allegheny
Westmoreland
Cumberland
Lancaster
Chester
Delaware
York
Washington
Somerset
Bedford
Fulton
Franklin
Adams
Fayette
Greene
Kilometers
0 10 20 30 40 50

PENNSYLVANIA

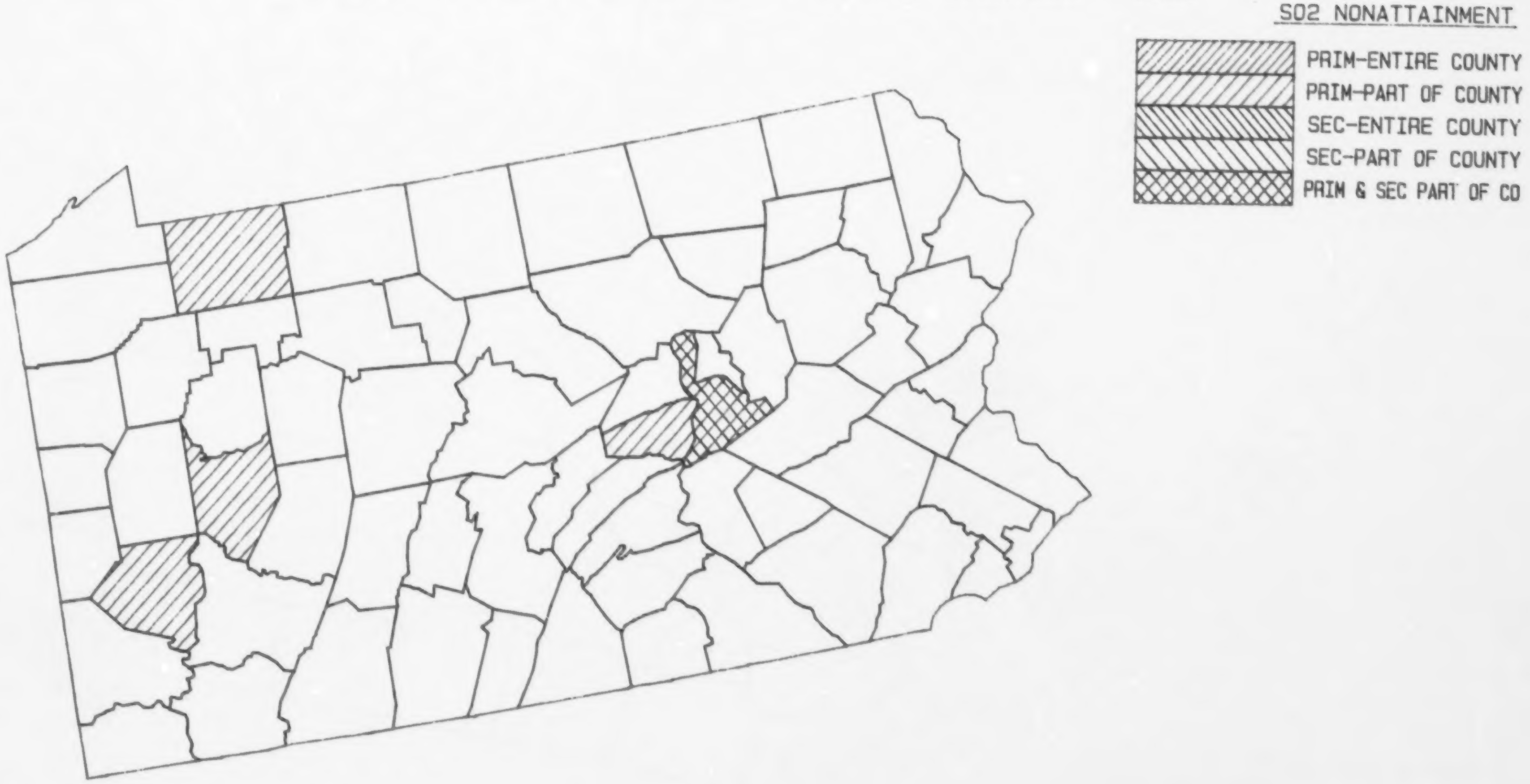
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

PENNSYLVANIA

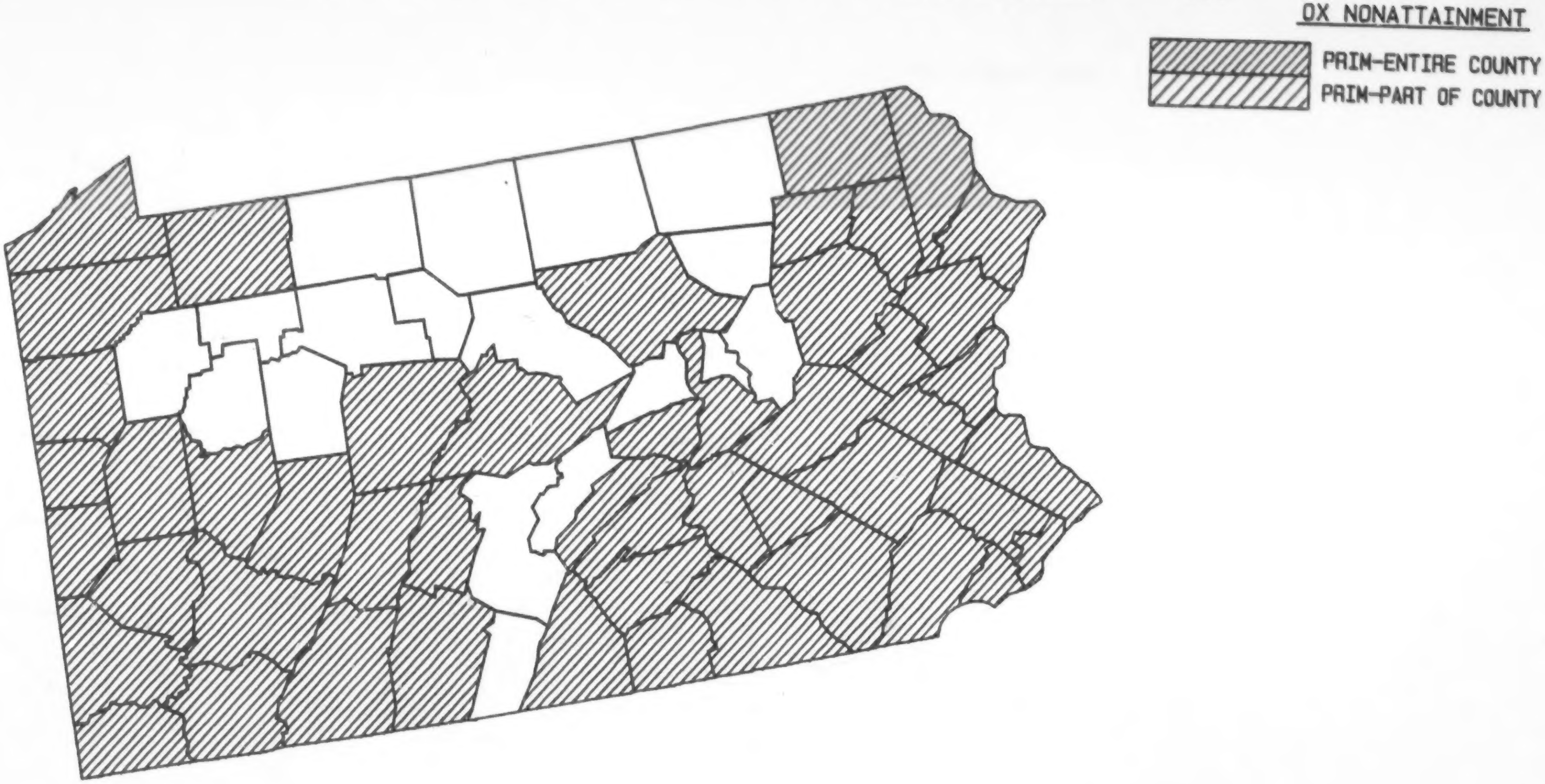
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

PENNSYLVANIA

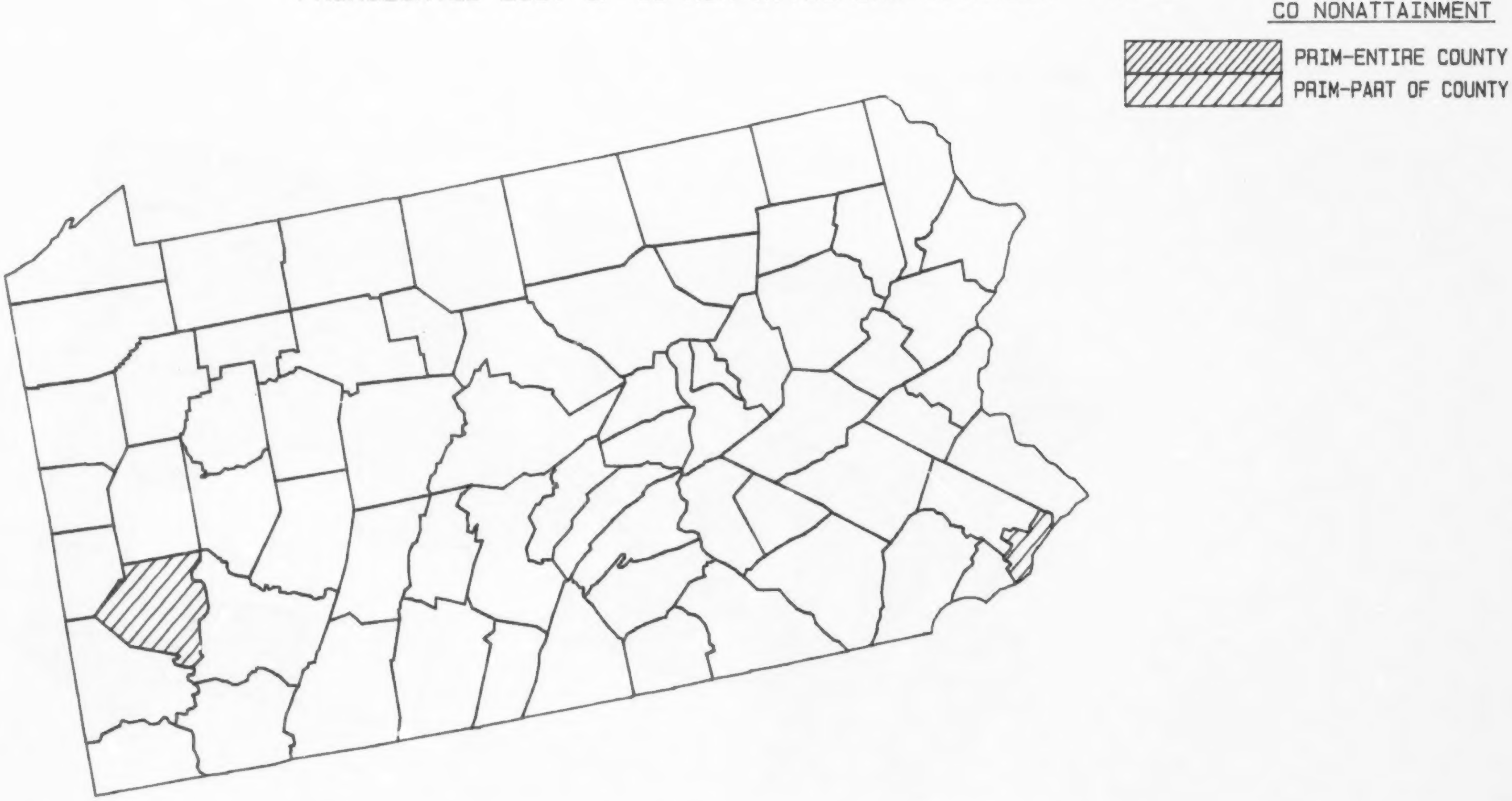
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

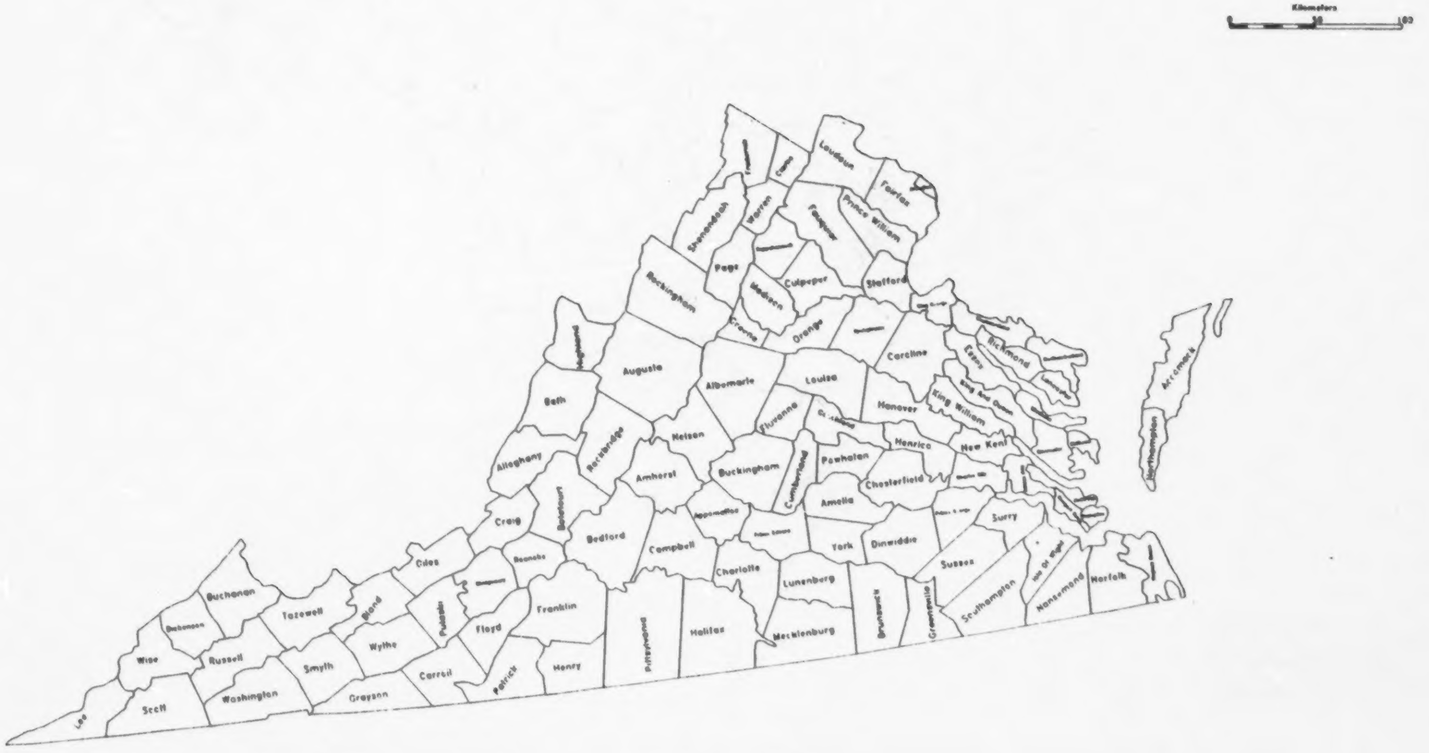
PENNSYLVANIA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

VIRGINIA


Kilometers
0
50
100
Loudoun
Clarke
Fairfax
Warren
Shenandoah
Fauquier
Prince William
Page
Rockingham
Culpeper
Madison
Stafford
Greene
Orange
Caroline
Highland
Augusta
Albemarle
Louisa
Richmond
Essex
Accomack
Bath
Nelson
Fluvanna
Hanover
King William
King And Queen
Northampton
Alleghany
Rockbridge
Amherst
Buckingham
Cumberland
Powhatan
Henrico
New Kent
Chesterfield
Amelia
Craig
Botetourt
Bedford
Appomattox
Campbell
York
Dinwiddie
Surry
Giles
Roanoke
Charlotte
Lunenburg
Sussex
Isle Of Wight
Norfolk
Buchanan
Tazewell
Bland
Pulaski
Floyd
Franklin
Pittsylvania
Halifax
Mecklenburg
Brunswick
Greensville
Southampton
Nansemond
Dickenson
Wise
Russell
Smyth
Wythe
Carroll
Patrick
Henry
Lee
Scott
Washington
Grayson

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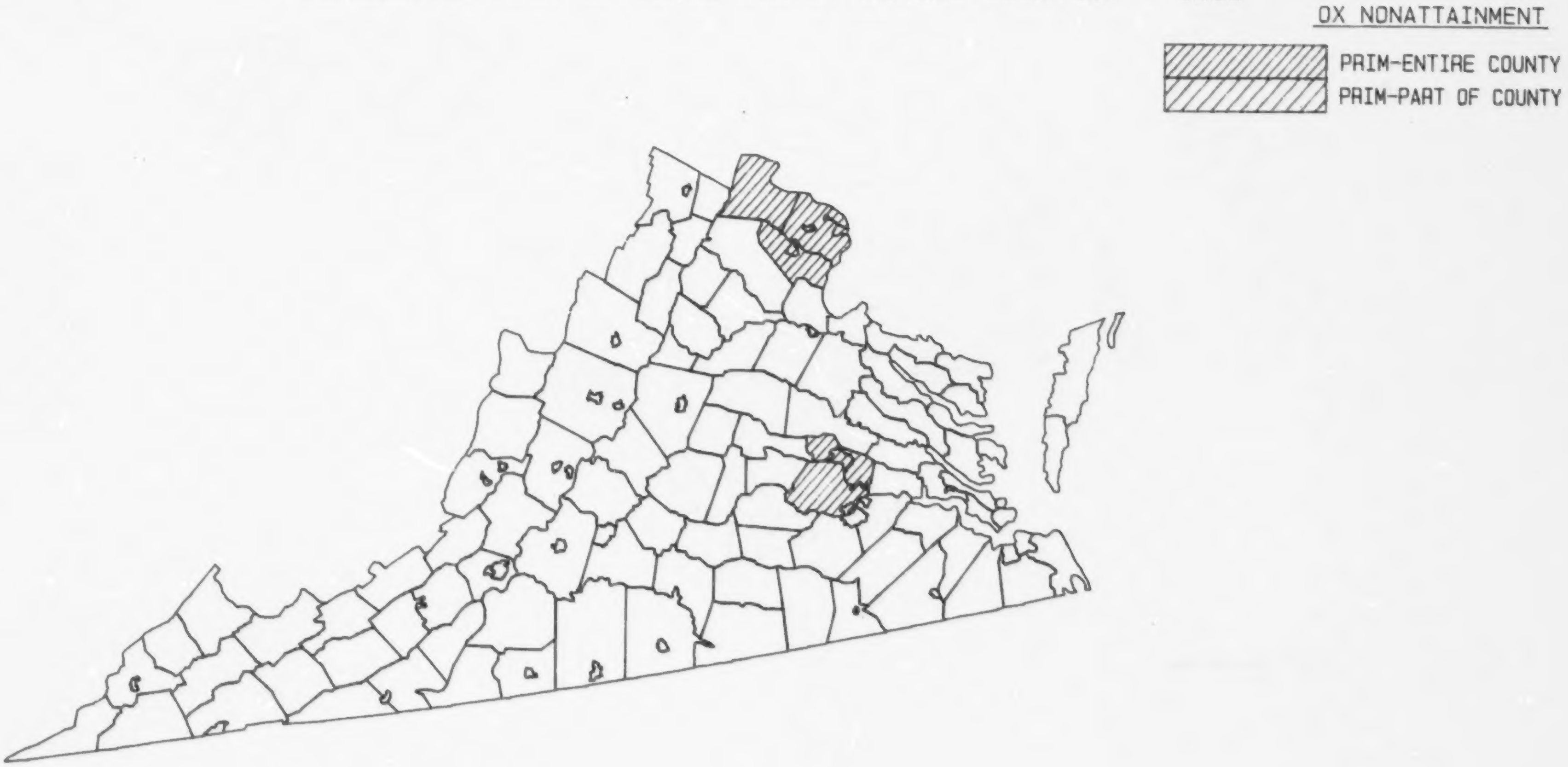
VIRGINIA

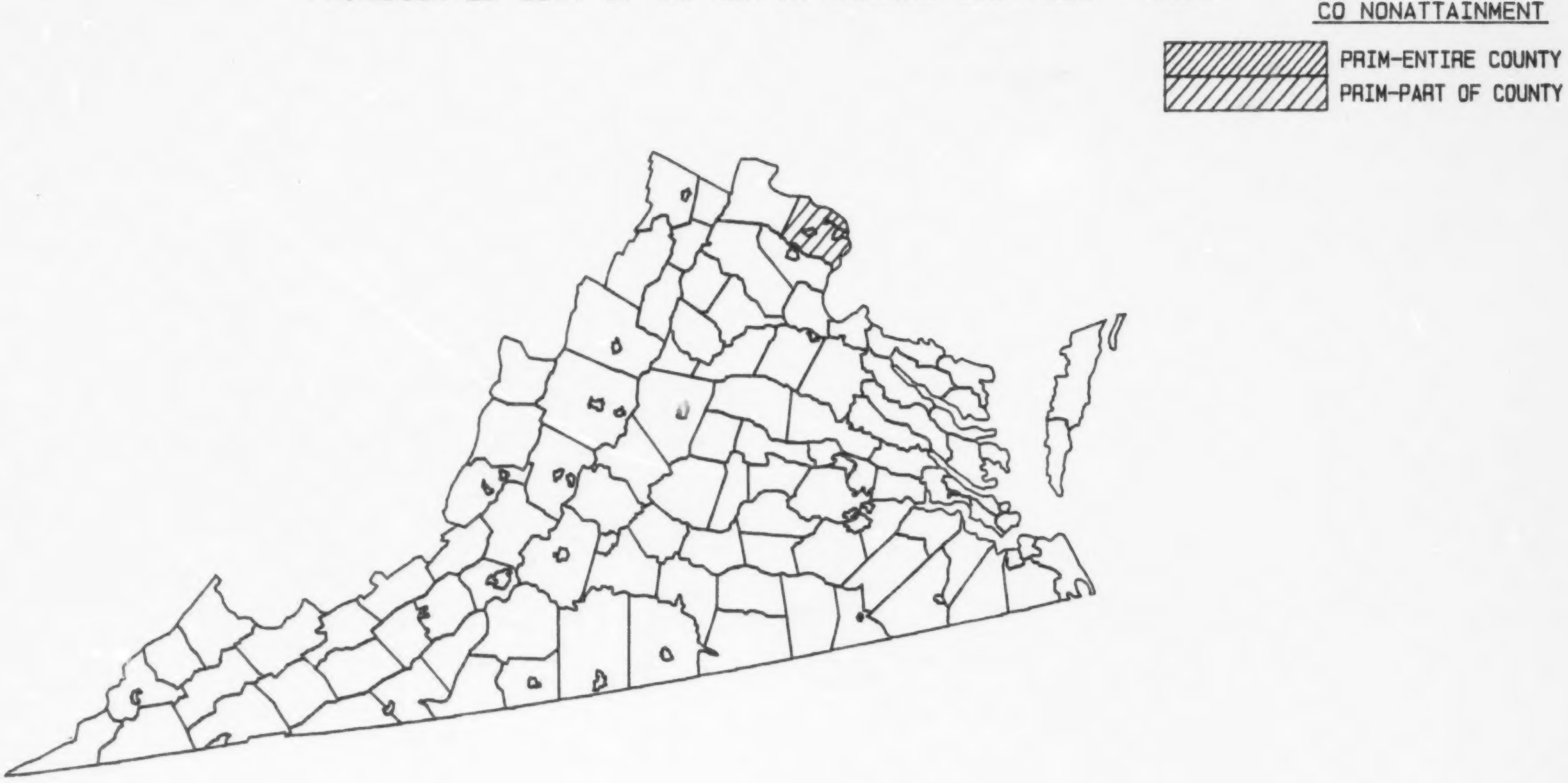
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

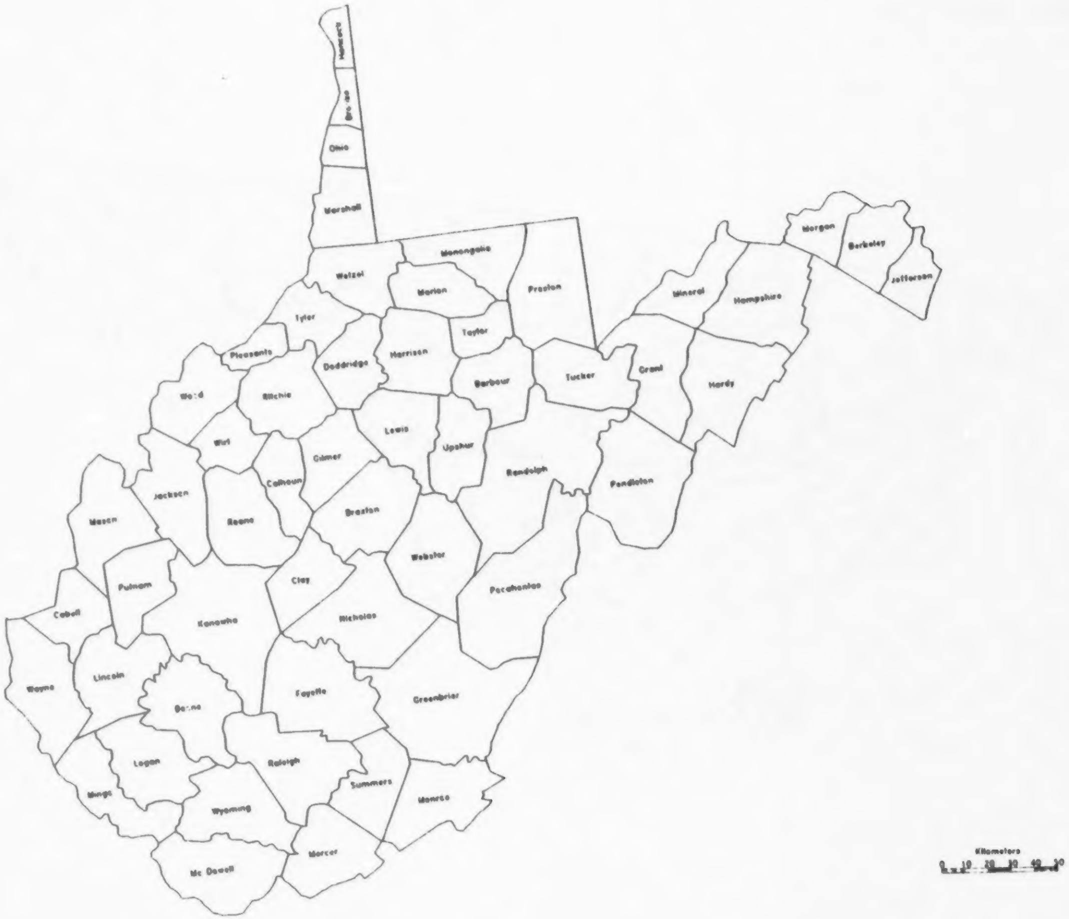
VIRGINIA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

WEST VIRGINIA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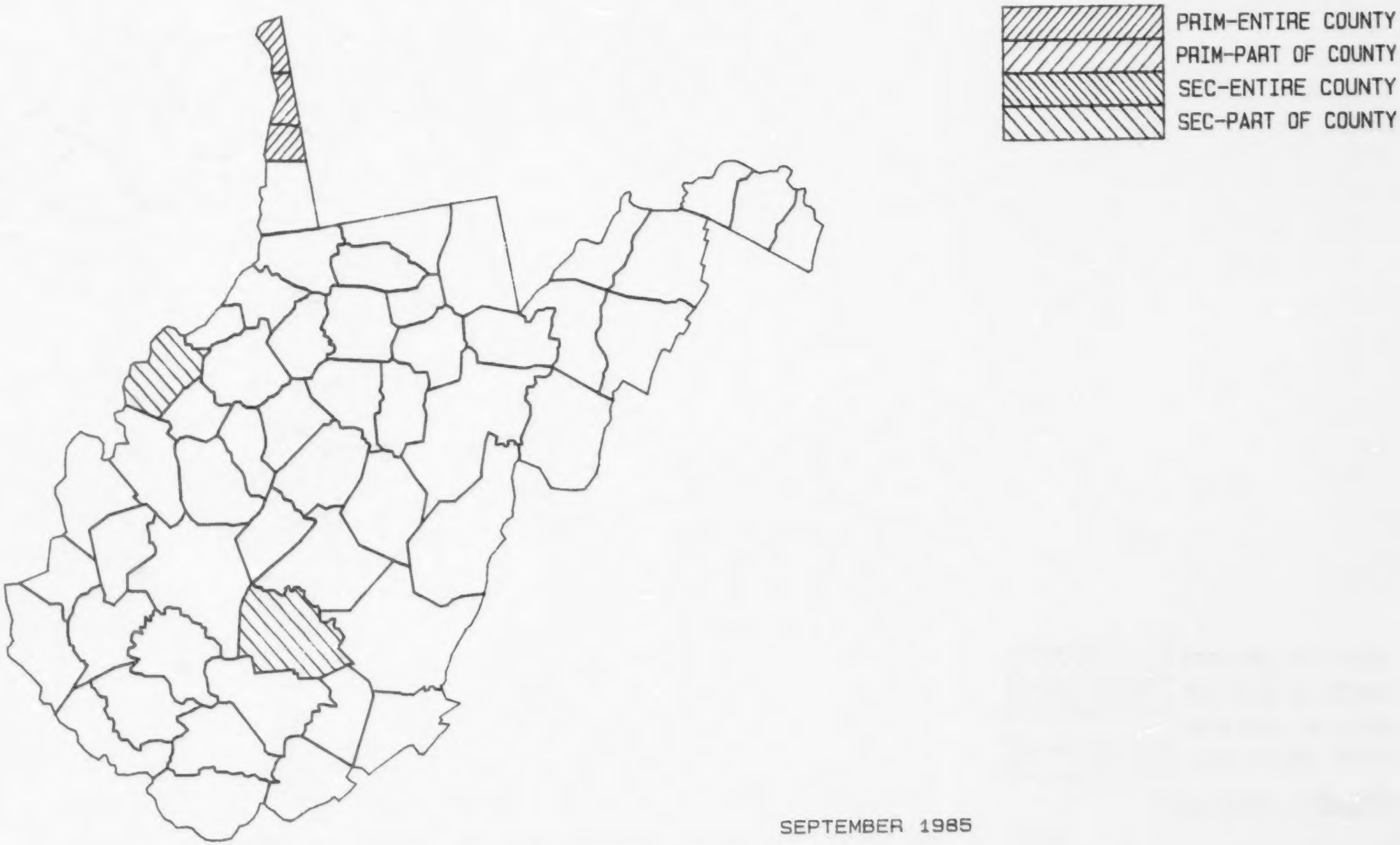
Marshall
Wetzel
Monongalia
Preston
Marion
Tyler
Pleasants
Taylor
Harrison
Doddridge
Ritchie
Barbour
Tucker
Grant
Mineral
Hampshire
Morgan
Berkeley
Jefferson
Hardy
Wood
Wirt
Lewis
Upshur
Gilmer
Calhoun
Randolph
Pendleton
Jackson
Mason
Roane
Braxton
Webster
Clay
Putnam
Pocahontas
Cabell
Kanawha
Nicholas
Wayne
Lincoln
Fayette
Greenbrier
Boone
Logan
Raleigh
Mingo
Summers
Wyoming
Monroe
Mercer
Mc Dowell
Kilometers
0 10 20 30 40 50

WEST VIRGINIA

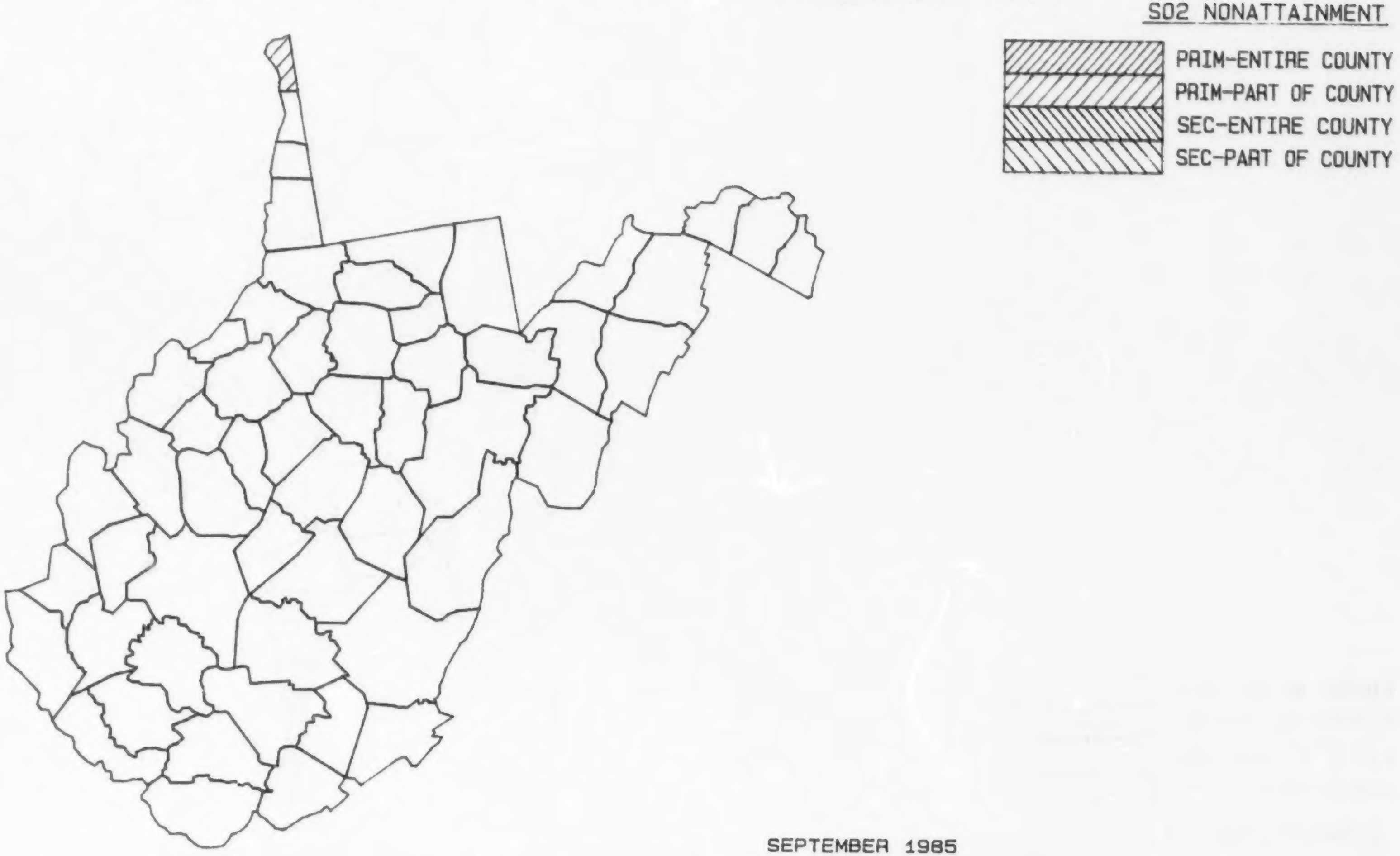
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

WEST VIRGINIA

PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

Region IV

Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee

Air Programs Branch
EPA Region IV
345 Courtland, N.E.
Atlanta, Georgia 30308
(404) 881-2904

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR ALABAMA

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
COLBERT CO	54519				P			
ETOWAH CO	103057	P						W
JACKSON CO	51407			P				
JEFFERSON CO	671324	P						W
LAUDERDALE CO	80546				P			
MOBILE CO	364980							W
RUSSELL CO	47356							W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR FLORIDA

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
BROWARD CO	1018200							W
DADE CO	1625781							W
DUVAL CO	571003		P					W
HILLSBOROUGH CO	646960		P					W
ORANGE CO	471016							W
PALM BEACH CO	576863							W
PINELLAS CO	728531			P				W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
GEORGIA

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
CLAYTON CO	150357					P		W
COBB CO	297718							W
COWETA CO	39268							W
DE KALB CO	483024					P		W
DOUGLAS CO	54573							W
FAYETTE CO	29043							W
FULTON CO	589904					P		W
GWINNETT CO	166903							W
HENRY CO	36309							W
MUSCOGEE CO	170108							W
PAULDING CO	26110							W
ROCKDALE CO	36747							W

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
KENTUCKY

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
BELL CO	34330	P						
BOONE CO	45842							W
BOYD CO	55513	W		W				W
BULLITT CO	43346	P						
CAMPBELL CO	83317	P						W
DAVIESS CO	85949	P						
HENDERSON CO	40849	P						
JEFFERSON CO	684565	W		W		W		W
KENTON CO	137058							W
LAWRENCE CO	14121	P						
MC CRACKEN CO	61310	W						
MADISON CO	53352	P						
MUHLENBERG CO	32238		W		W			
PERRY CO	33763	P						
PIKE CO	81123	P						
WHITLEY CO	33396	P						

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR MISSISSIPPI

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
JONES CO	61912	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NORTH CAROLINA

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
MECKLENBURG CO	404270					W		W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR SOUTH CAROLINA

COUNTY	POPULATION	TSP		SO2				
		PRIM	SEC	PRIM	SEC	CO	NO2	OZ
CHARLESTON CO	276974		P					
RICHLAND CO	269735					P		
YORK CO	106720							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR TENNESSEE

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
BENTON CO	14901			P	P			
BRADLEY CO	67547							W
CAMPBELL CO	34923	P						
DAVIDSON CO	447811		P			P		W
HAMILTON CO	287740		P					W
HUMPHREYS CO	15957			P	P			
KNOX CO	319694					P		
POLK CO	13602			P	P			
ROANE CO	48425							W
RUTHERFORD CO	84058							W
SHELBY CO	777113					P		W
SUMNER CO	85790							W
WILLIAMSON CO	58108							W
WILSON CO	56064							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

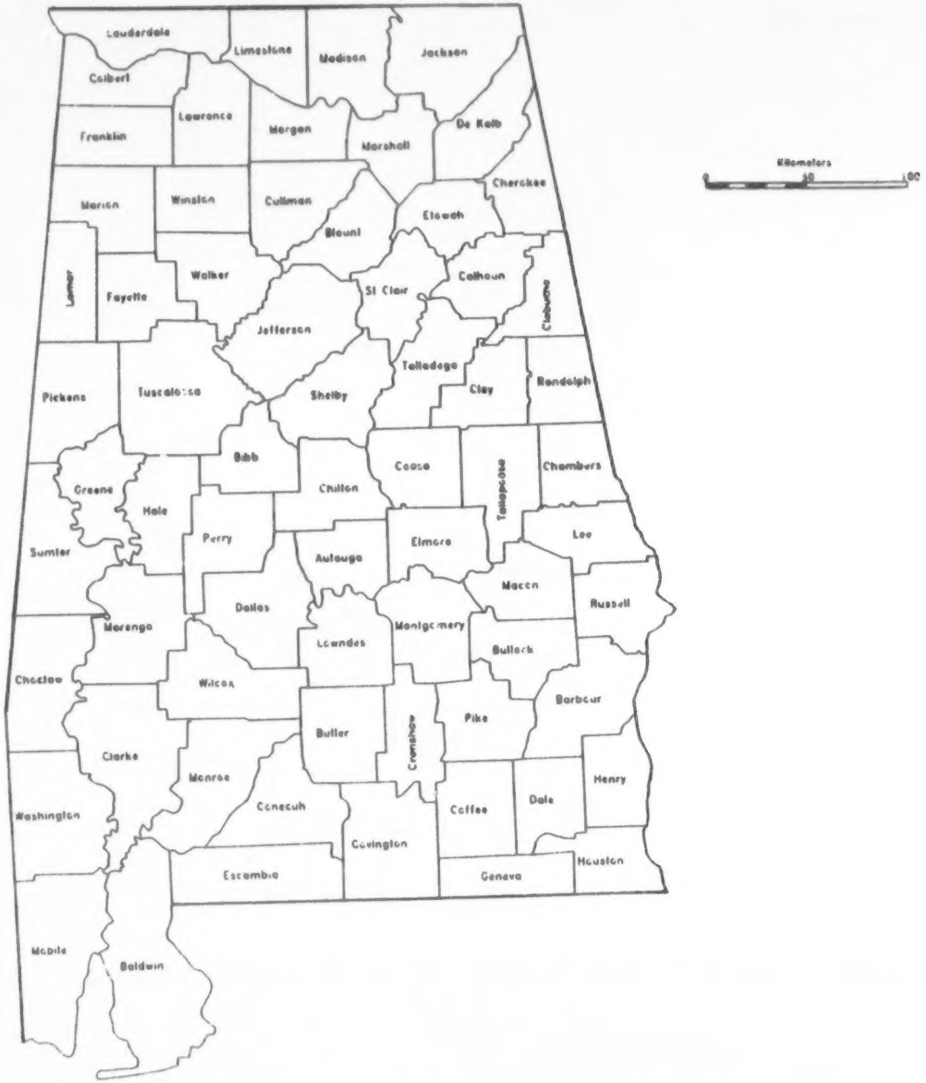
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR TENNESSEE

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	C O	NO2	O Z
BENTON CO	14901			P	P			
BRADLEY CO	67547							W
CAMPBELL CO	34923	P						
DAVIDSON CO	447811		P			P		W
HAMILTON CO	287740		P					W
HUMPHREYS CO	15957			P	P			
KNOX CO	319694					P		
POLK CO	13602			P	P			
ROANE CO	48425							W
RUTHERFORD CO	84058							W
SHELBY CO	777113					P		W
SUMNER CO	85790							W
WILLIAMSON CO	58108							W
WILSON CO	56064							W

P = PART OF THE COUNTY

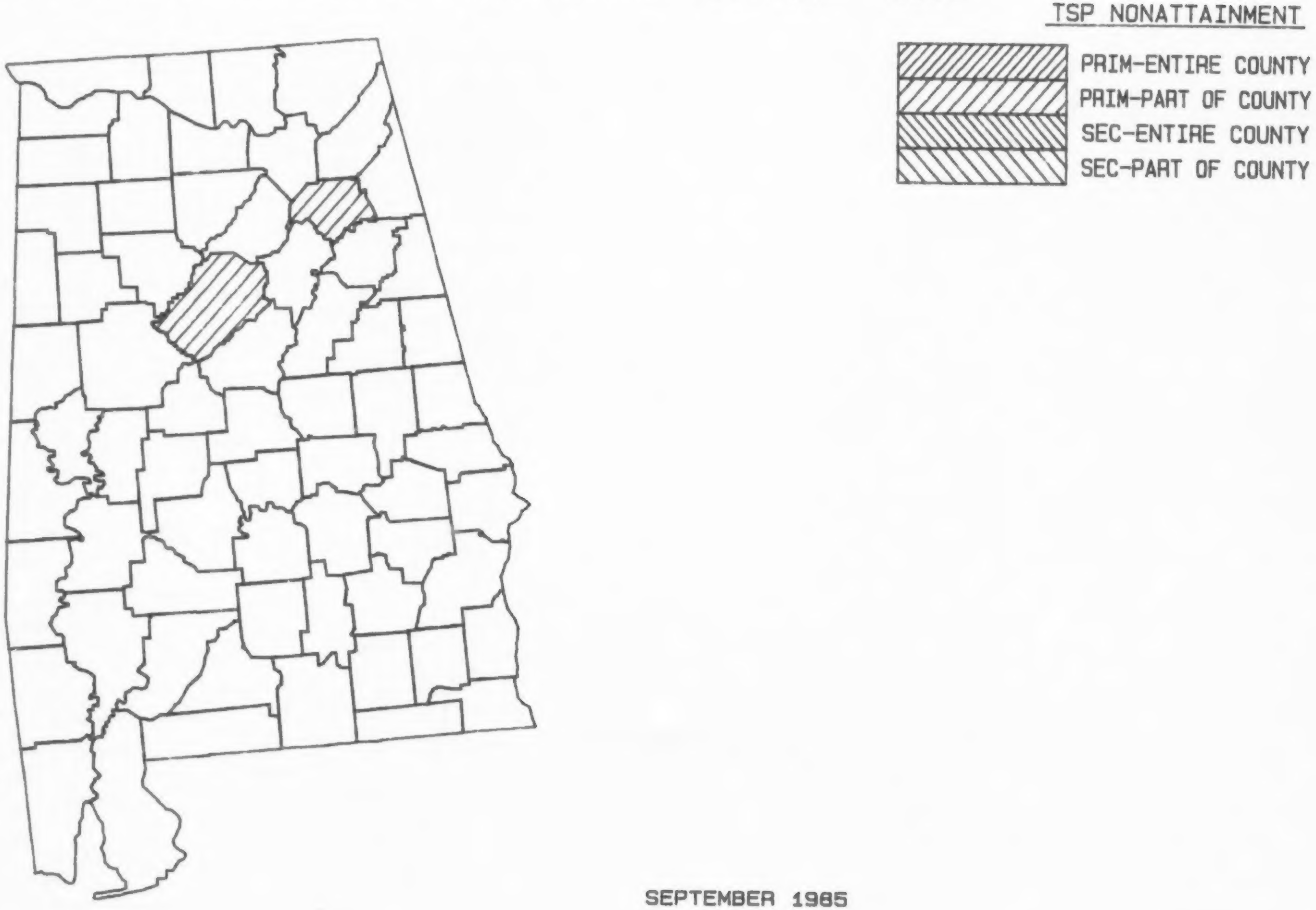
W = THE WHOLE COUNTY

ALABAMA


Kilometers
0
50
100
Lauderdale
Colbert
Limestone
Madison
Jackson
Franklin
Lawrence
Morgan
Marshall
De Kalb
Marion
Winston
Cullman
Blount
Cherokee
Etowah
Lamar
Fayette
Walker
St Clair
Calhoun
Cleburne
Jefferson
Pickens
Tuscaloosa
Shelby
Talladega
Clay
Randolph
Bibb
Coosa
Tallapoosa
Chambers
Greene
Hale
Chilton
Perry
Elmore
Lee
Sumter
Autauga
Macon
Russell
Dallas
Marengo
Montgomery
Lowndes
Bullock
Choctaw
Wilcox
Barbour
Butler
Pike
Crenshaw
Clarke
Monroe
Henry
Conecuh
Coffee
Dale
Washington
Covington
Escambia
Geneva
Houston
Mobile
Baldwin

ALABAMA

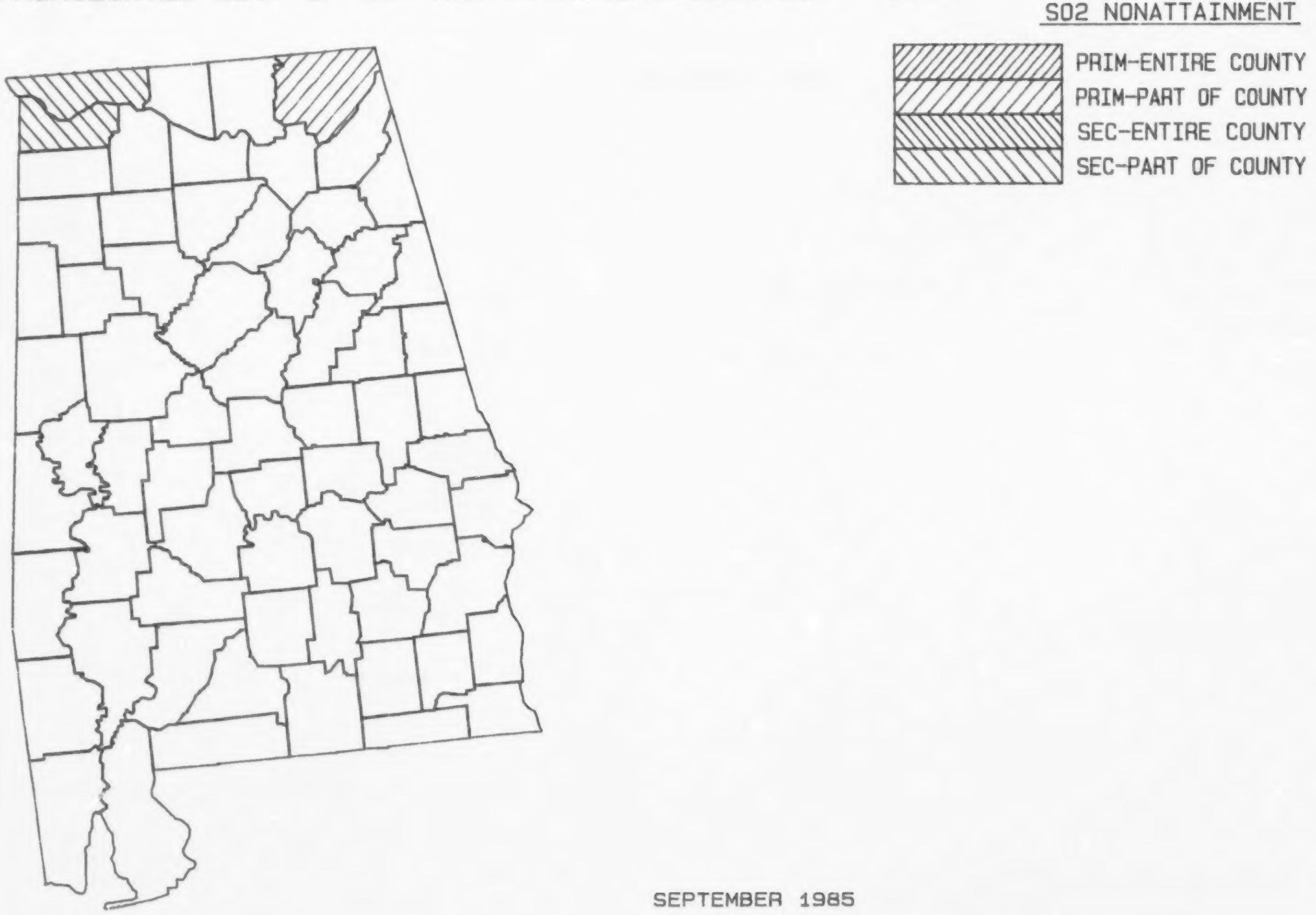
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY

SEPTEMBER 1985

ALABAMA

PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

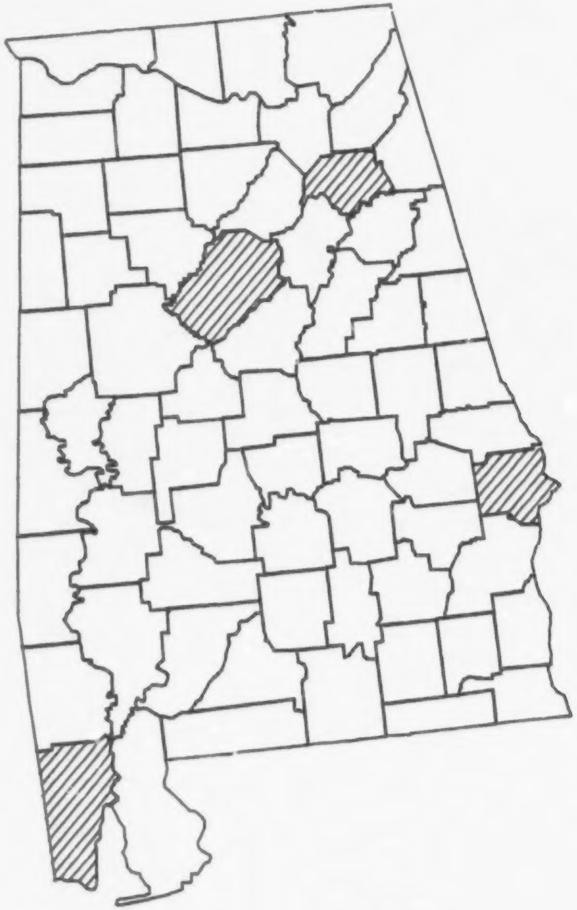
SEPTEMBER 1985

ALABAMA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985

OX NONATTAINMENT

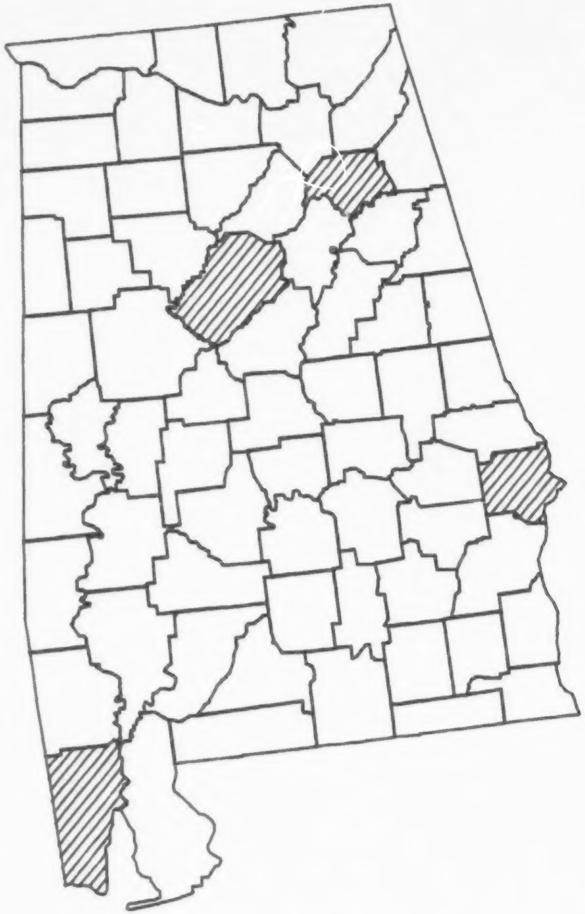
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY



SEPTEMBER 1985

ALABAMA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985

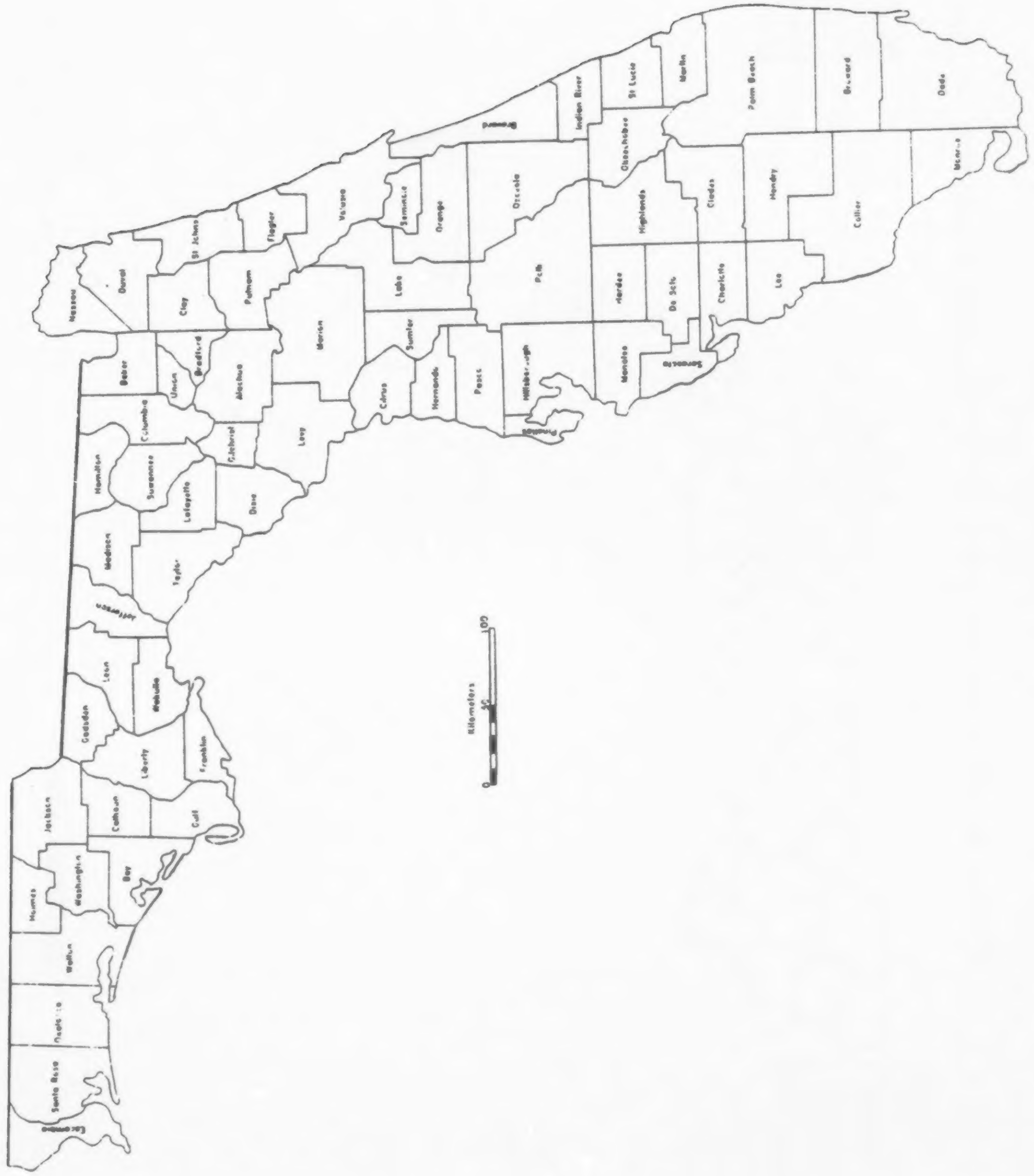


OX NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

FLORIDA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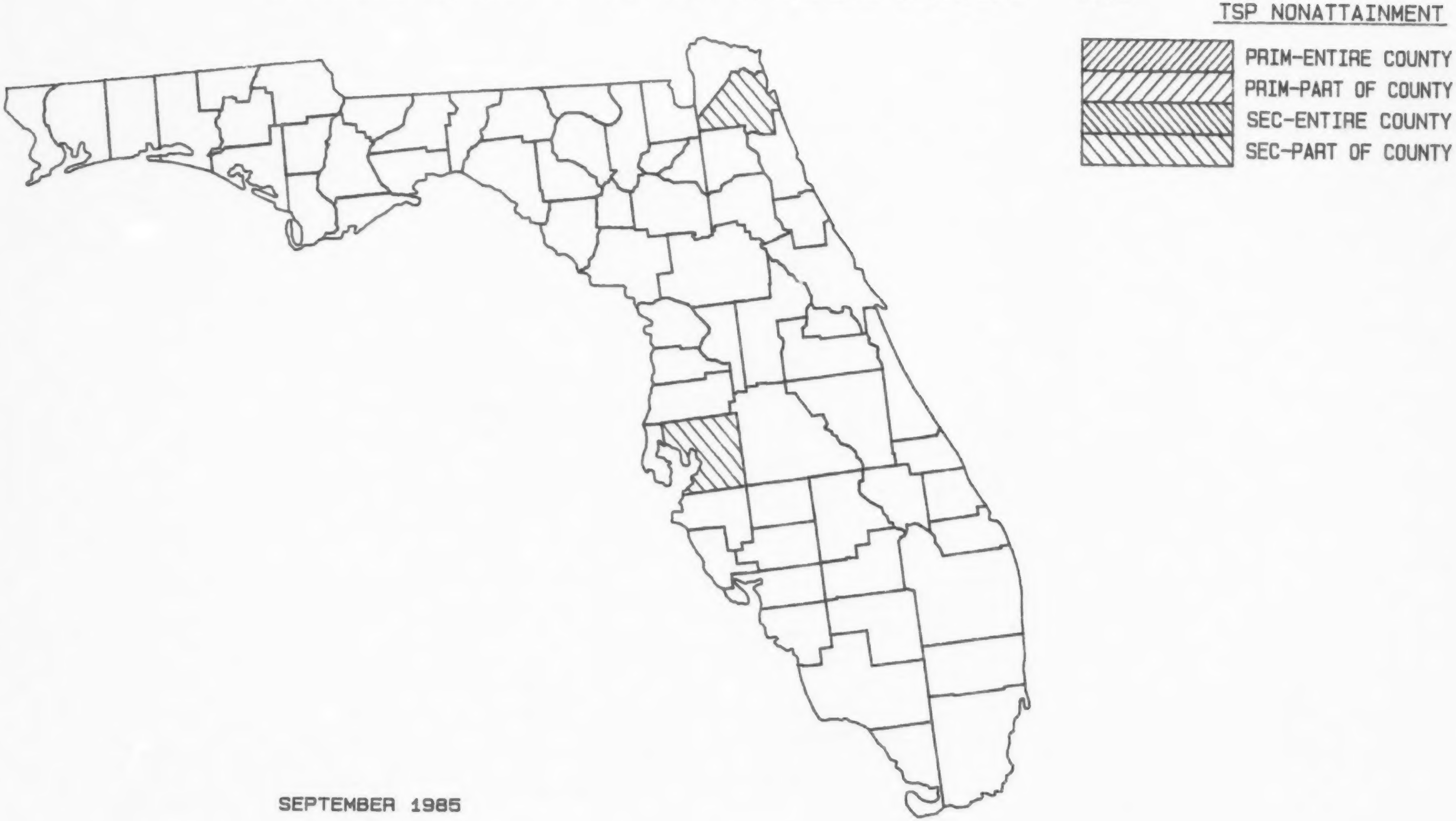
Santa Rosa
Okaloosa
Walton
Holmes
Washington
Bay
Jackson
Calhoun
Gulf
Gadsden
Liberty
Franklin
Leon
Wakulla
Jefferson
Madison
Taylor
Hamilton
Suwannee
Lafayette
Dixie
Columbia
Gilchrist
Baker
Union
Bradford
Alachua
Levy
Nassau
Duval
Clay
St Johns
Putnam
Flagler
Marion
Volusia
Citrus
Sumter
Lake
Hernando
Pasco
Seminole
Orange
Pinellas
Hillsborough
Polk
Osceola
Brevard
Manatee
Sarasota
Hardee
De Soto
Highlands
Okeechobee
Indian River
St Lucie
Martin
Charlotte
Glades
Lee
Hendry
Collier
Palm Beach
Broward
Dade
Monroe
Kilometers
0
50
100

FLORIDA

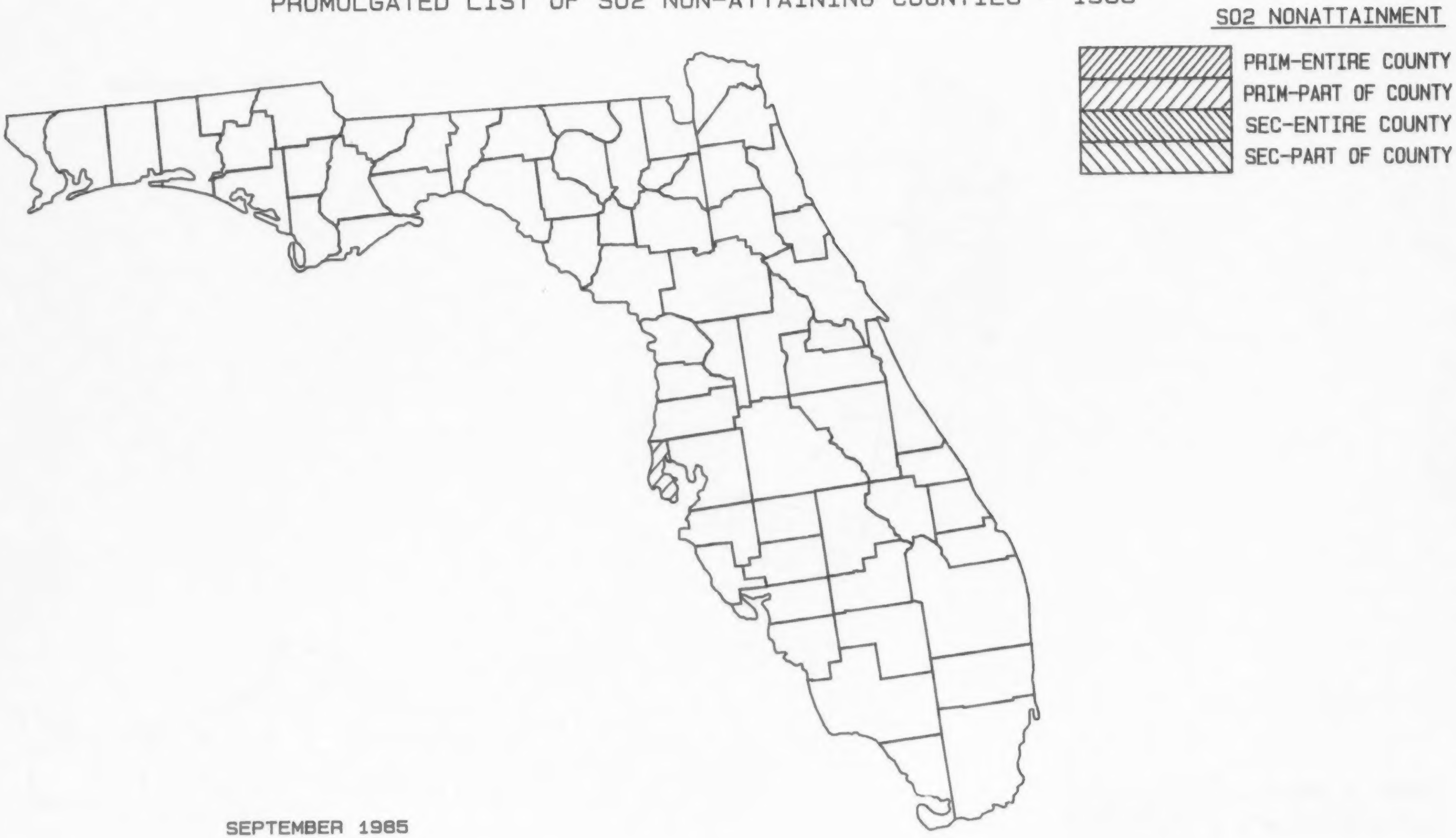
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

FLORIDA

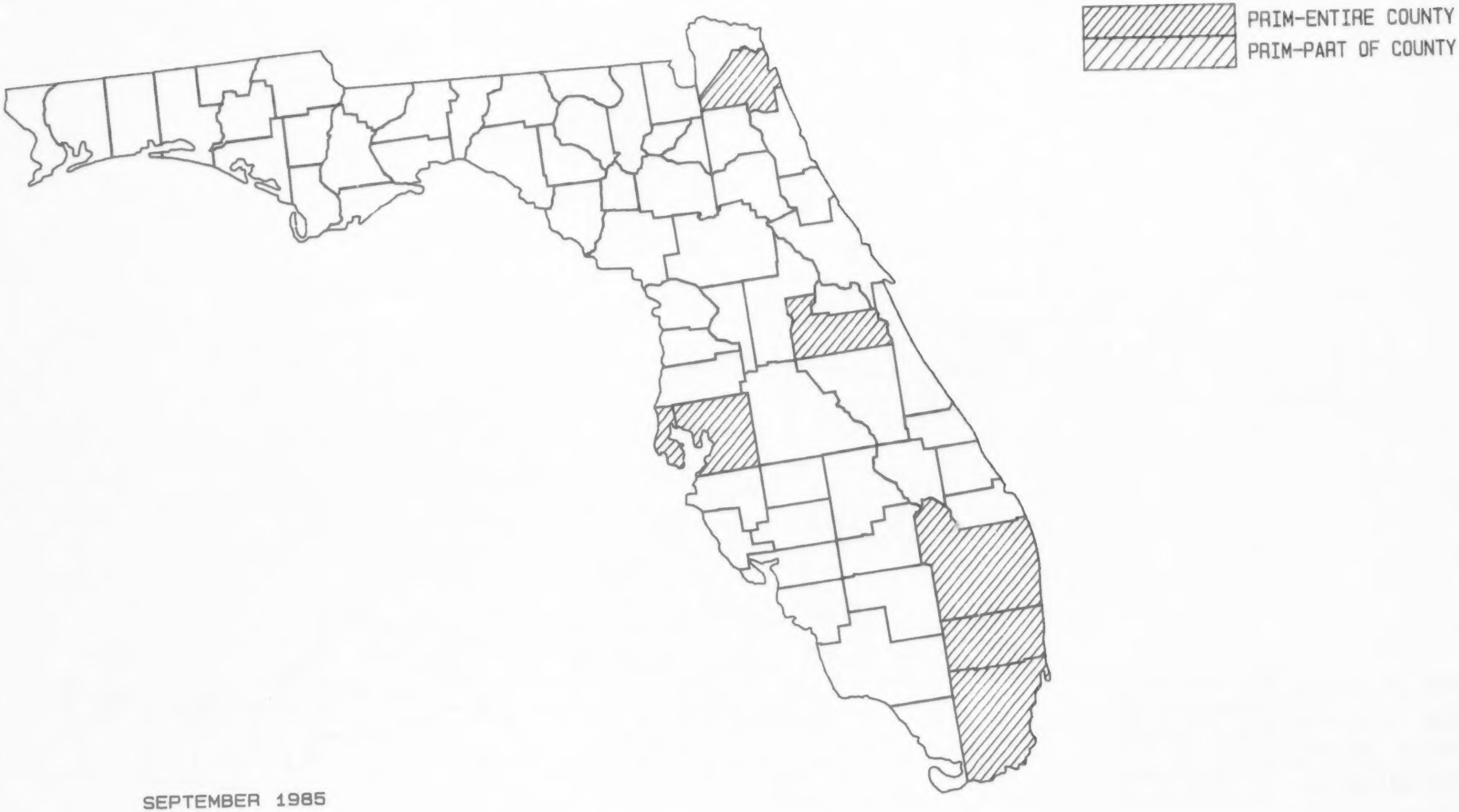
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

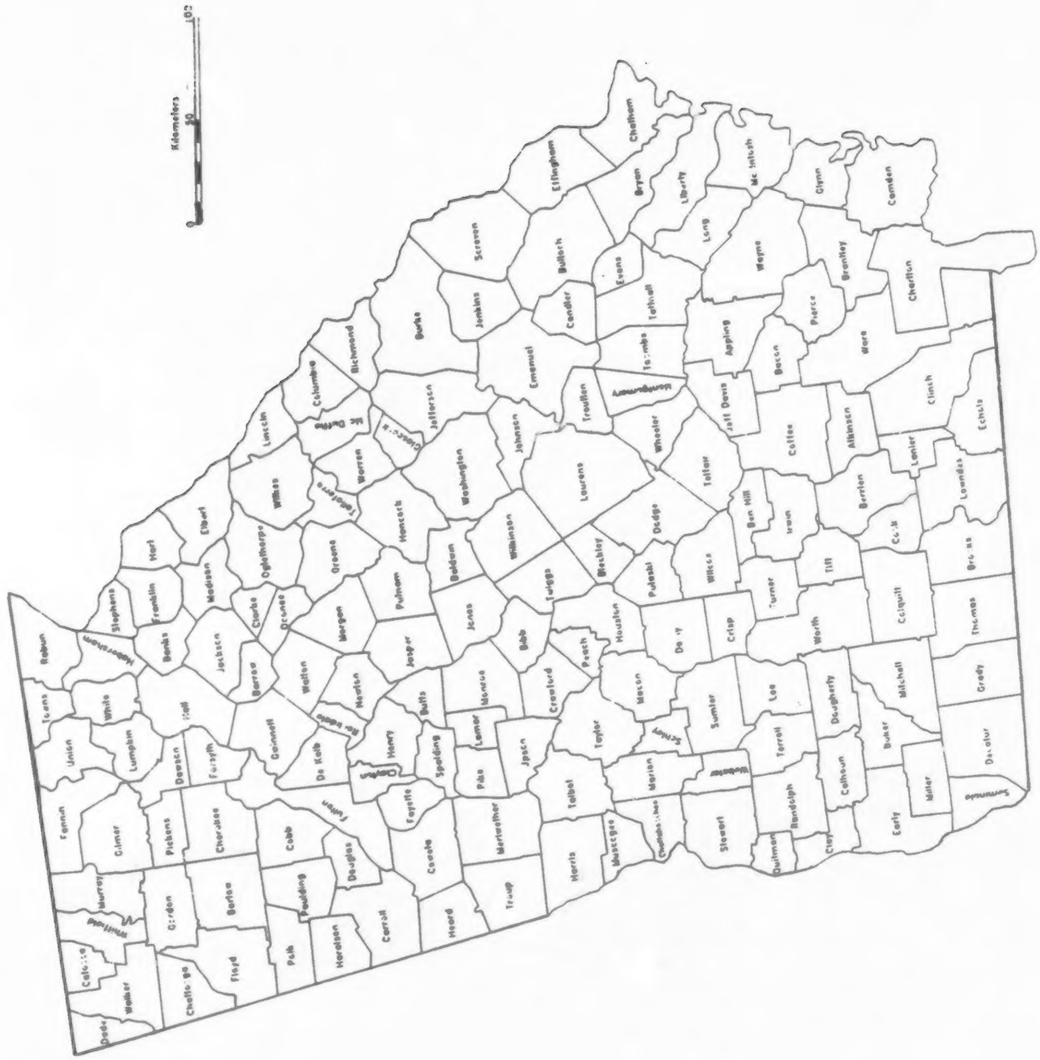
FLORIDA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

GEORGIA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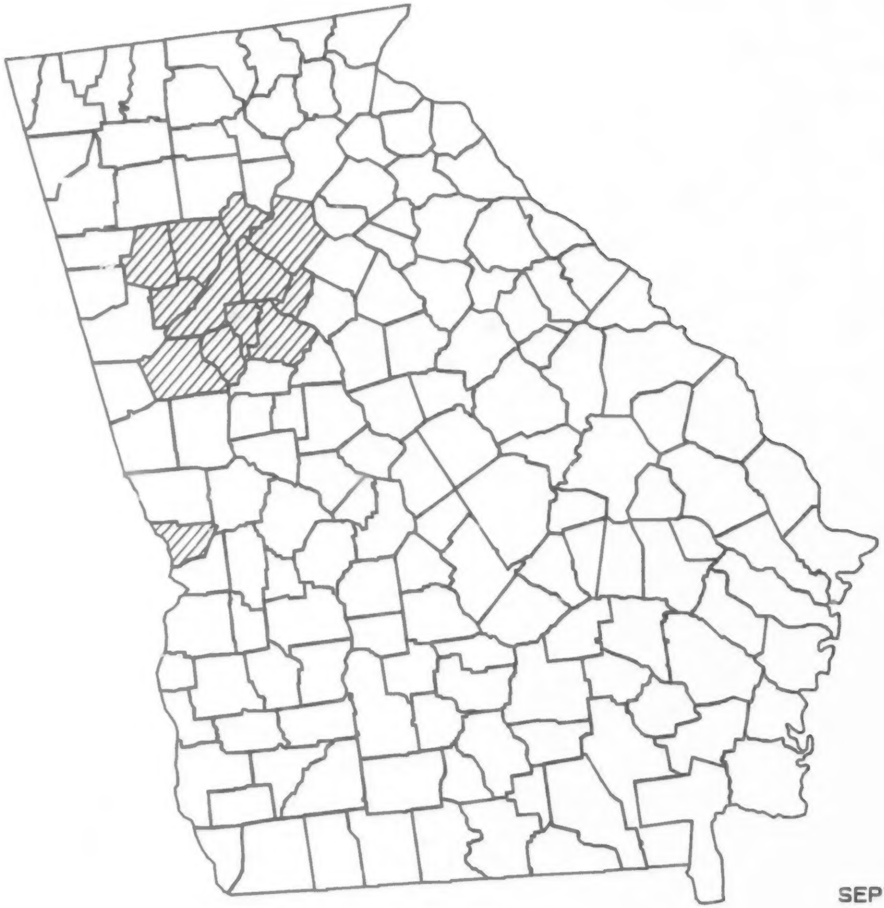
50
100
Rabun
Towns
Union
Fannin
Murray
Whitfield
Catoosa
Dade
Walker
Chattooga
Gordon
Gilmer
Pickens
Lumpkin
White
Habersham
Stephens
Franklin
Hart
Elbert
Banks
Hall
Dawson
Forsyth
Cherokee
Bartow
Floyd
Polk
Paulding
Cobb
Douglas
Haralson
Carroll
Heard
Coweta
Fulton
De Kalb
Gwinnett
Barrow
Jackson
Madison
Clarke
Oconee
Oglethorpe
Wilkes
Lincoln
Columbia
Richmond
Mc Duffie
Warren
Glascock
Taliaferro
Greene
Morgan
Walton
Newton
Rockdale
Clayton
Henry
Fayette
Spalding
Butts
Jasper
Putnam
Hancock
Washington
Jefferson
Burke
Screven
Jenkins
Effingham
Chatham
Bryan
Bulloch
Candler
Emanuel
Evans
Tattnall
Liberty
Long
Mc Intosh
Glynn
Camden
Wayne
Brantley
Charlton
Pierce
Ware
Bacon
Appling
Toombs
Montgomery
Treutlen
Johnson
Laurens
Wheeler
Jeff Davis
Telfair
Coffee
Atkinson
Clinch
Echols
Lanier
Lowndes
Berrien
Cook
Brooks
Irwin
Ben Hill
Tift
Turner
Wilcox
Dodge
Pulaski
Bleckley
Twiggs
Wilkinson
Baldwin
Jones
Bibb
Monroe
Lamar
Pike
Upson
Meriwether
Troup
Harris
Talbot
Crawford
Peach
Houston
Taylor
Macon
Dooly
Crisp
Worth
Colquitt
Thomas
Grady
Mitchell
Dougherty
Lee
Sumter
Schley
Marion
Muscogee
Chattahoochee
Stewart
Webster
Terrell
Randolph
Quitman
Clay
Calhoun
Baker
Early
Miller
Decatur
Seminole

GEORGIA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985

OX NONATTAINMENT

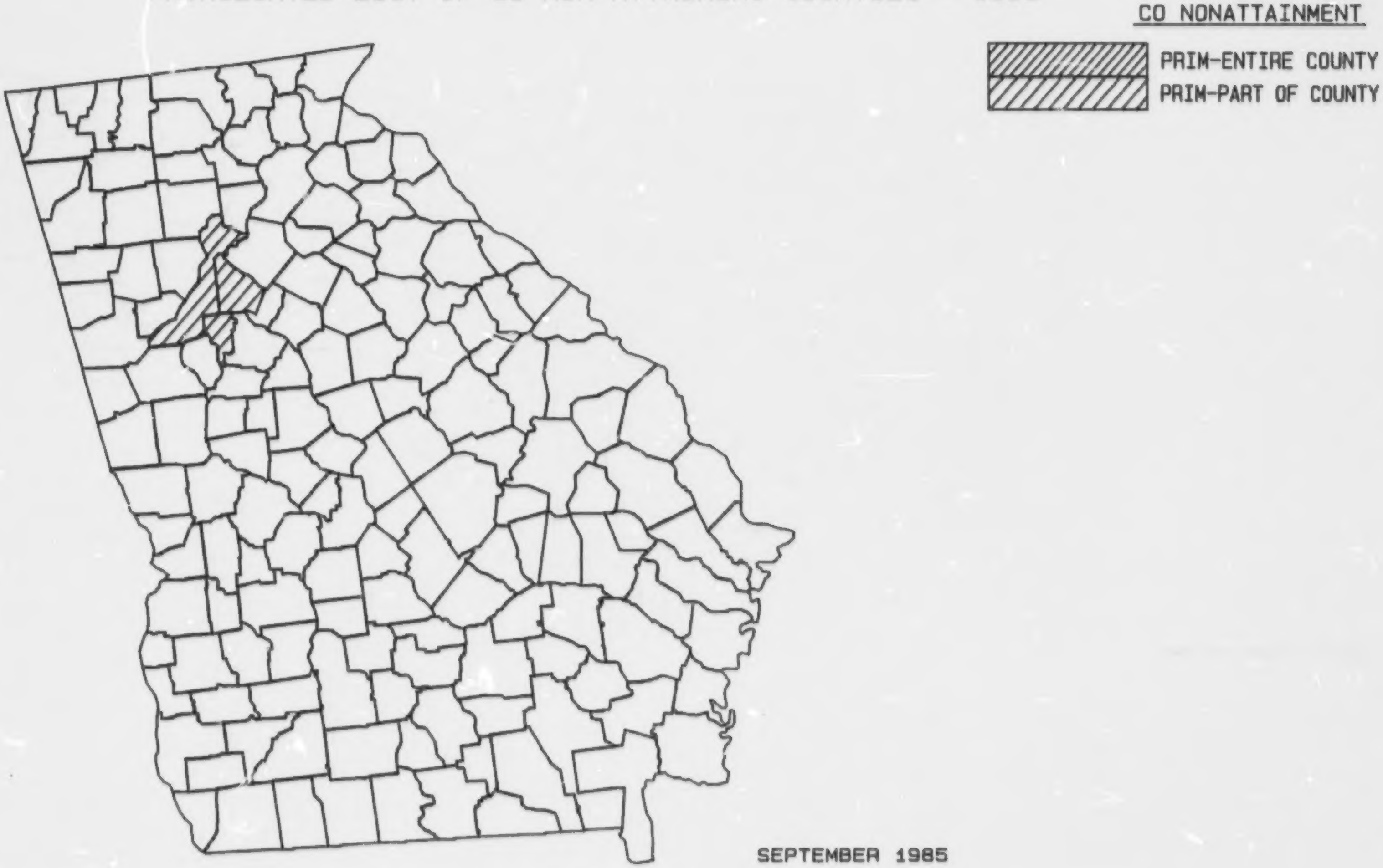
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY



SEPTEMBER 1985

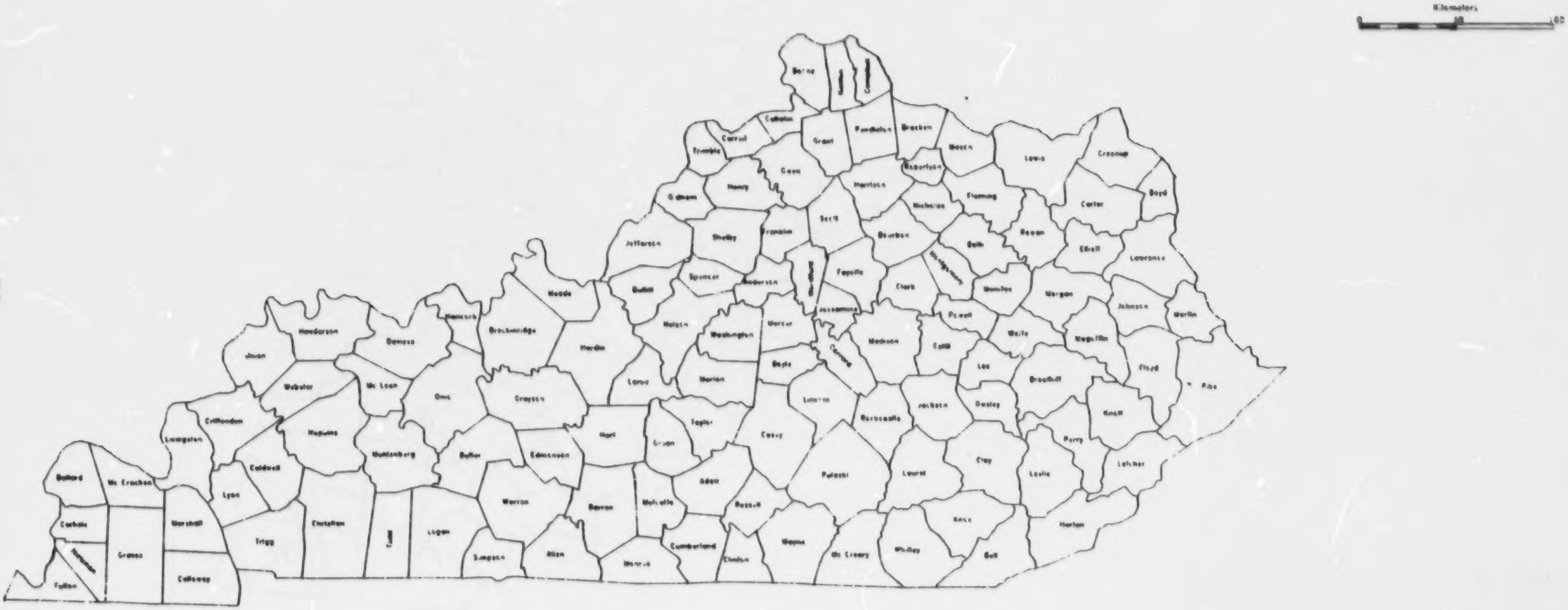
GEORGIA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

KENTUCKY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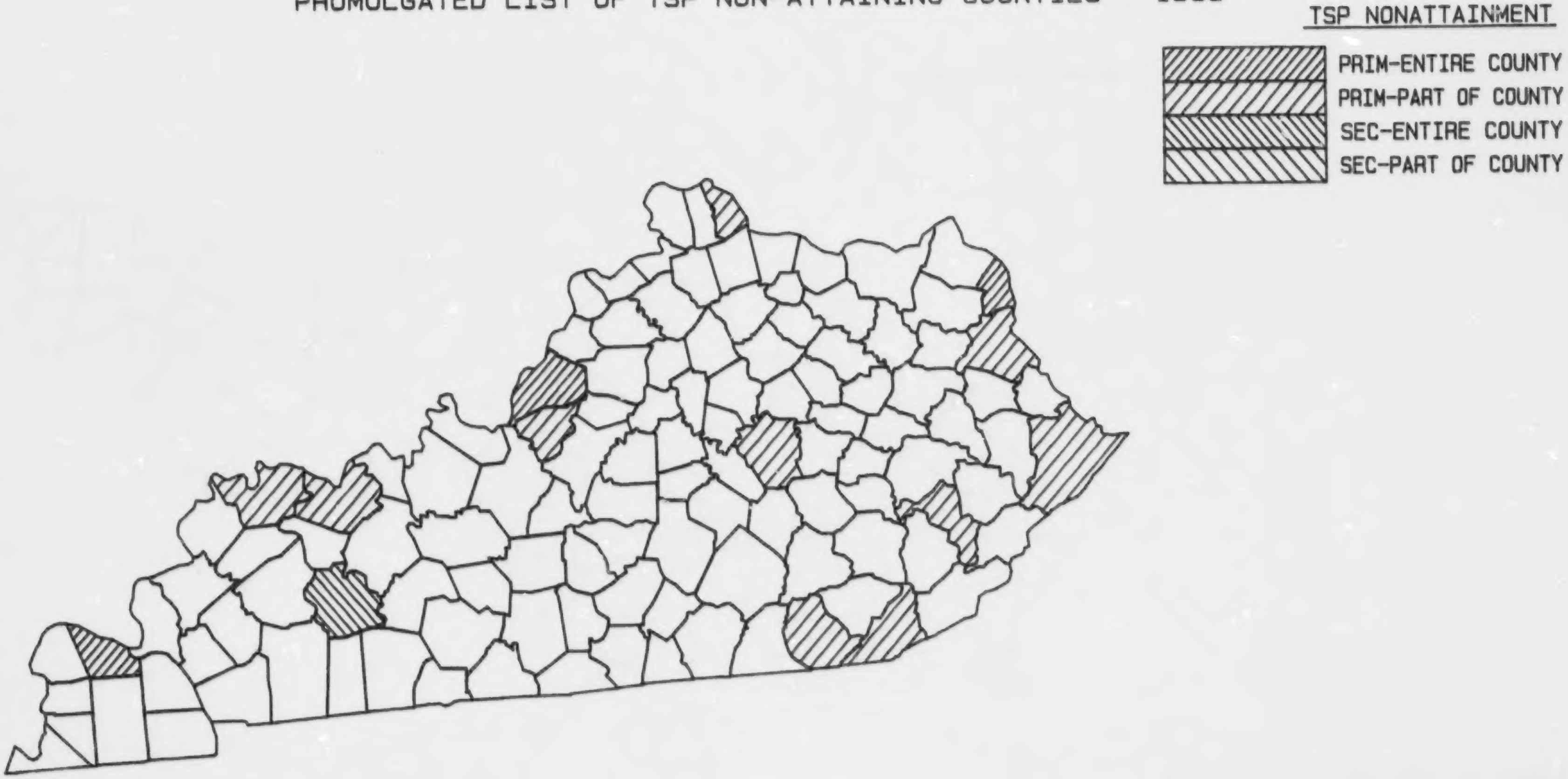
Boone
Gallatin
Carroll
Trimble
Pendleton
Bracken
Grant
Mason
Lewis
Greenup
Boyd
Owen
Harrison
Robertson
Henry
Oldham
Fleming
Carter
Scott
Nicholas
Bourbon
Rowan
Franklin
Shelby
Jefferson
Elliott
Lawrence
Bath
Fayette
Spencer
Anderson
Clark
Menifee
Morgan
Johnson
Martin
Meade
Bullitt
Jessamine
Hancock
Breckinridge
Henderson
Daviess
Nelson
Washington
Mercer
Madison
Powell
Wolfe
Magoffin
Hardin
Union
Webster
McLean
Ohio
Grayson
Larue
Marion
Boyle
Estill
Lee
Breathitt
Floyd
Pike
Crittenden
Hopkins
Livingston
Caldwell
Muhlenberg
Butler
Edmonson
Hart
Green
Taylor
Casey
Lincoln
Rockcastle
Jackson
Owsley
Knott
Perry
Ballard
McCracken
Marshall
Lyon
Christian
Trigg
Logan
Warren
Barren
Metcalfe
Adair
Russell
Pulaski
Laurel
Clay
Leslie
Letcher
Carlisle
Graves
Calloway
Fulton
Simpson
Allen
Monroe
Cumberland
Clinton
Wayne
McCreary
Whitley
Knox
Bell
Harlan

KENTUCKY

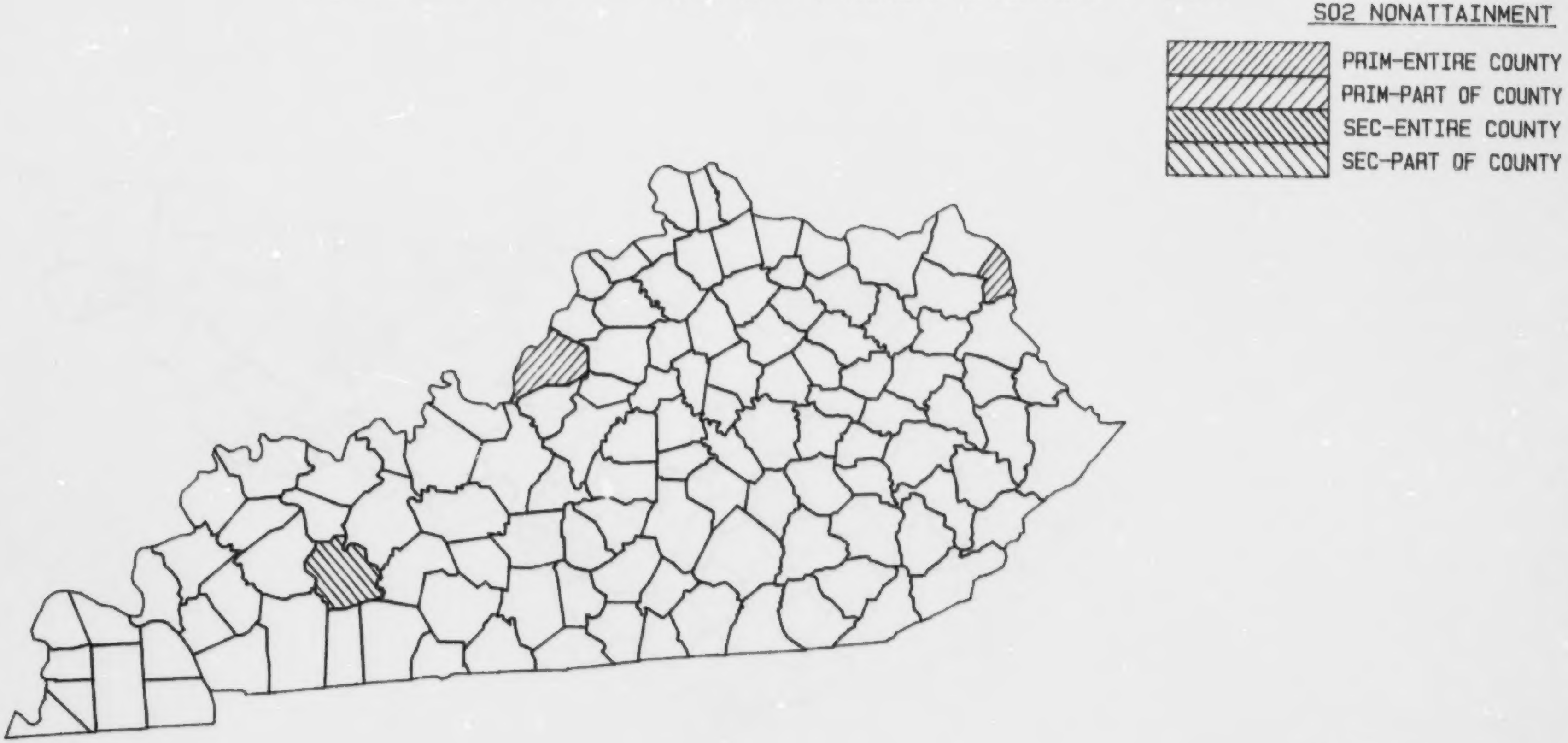
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

KENTUCKY

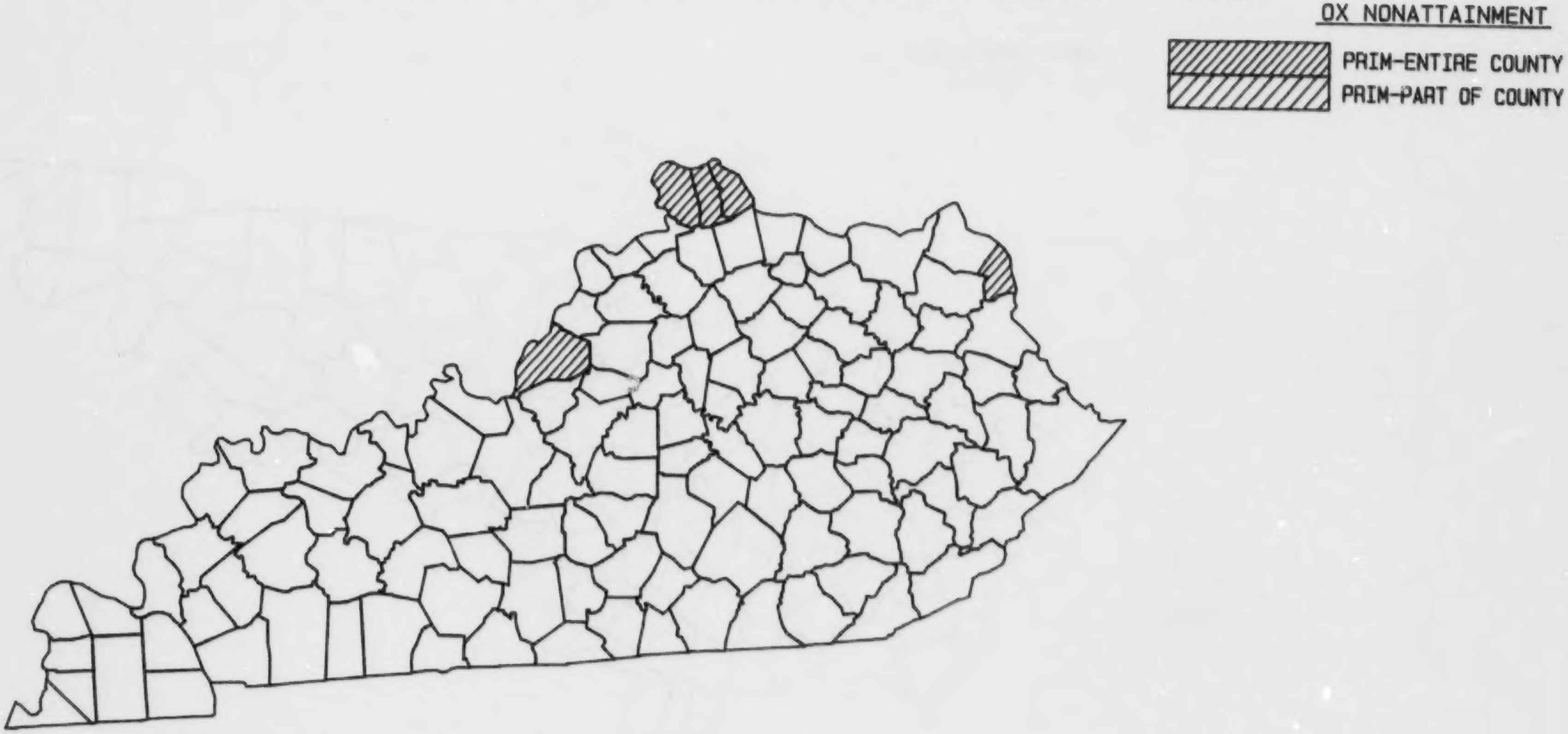
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

KENTUCKY

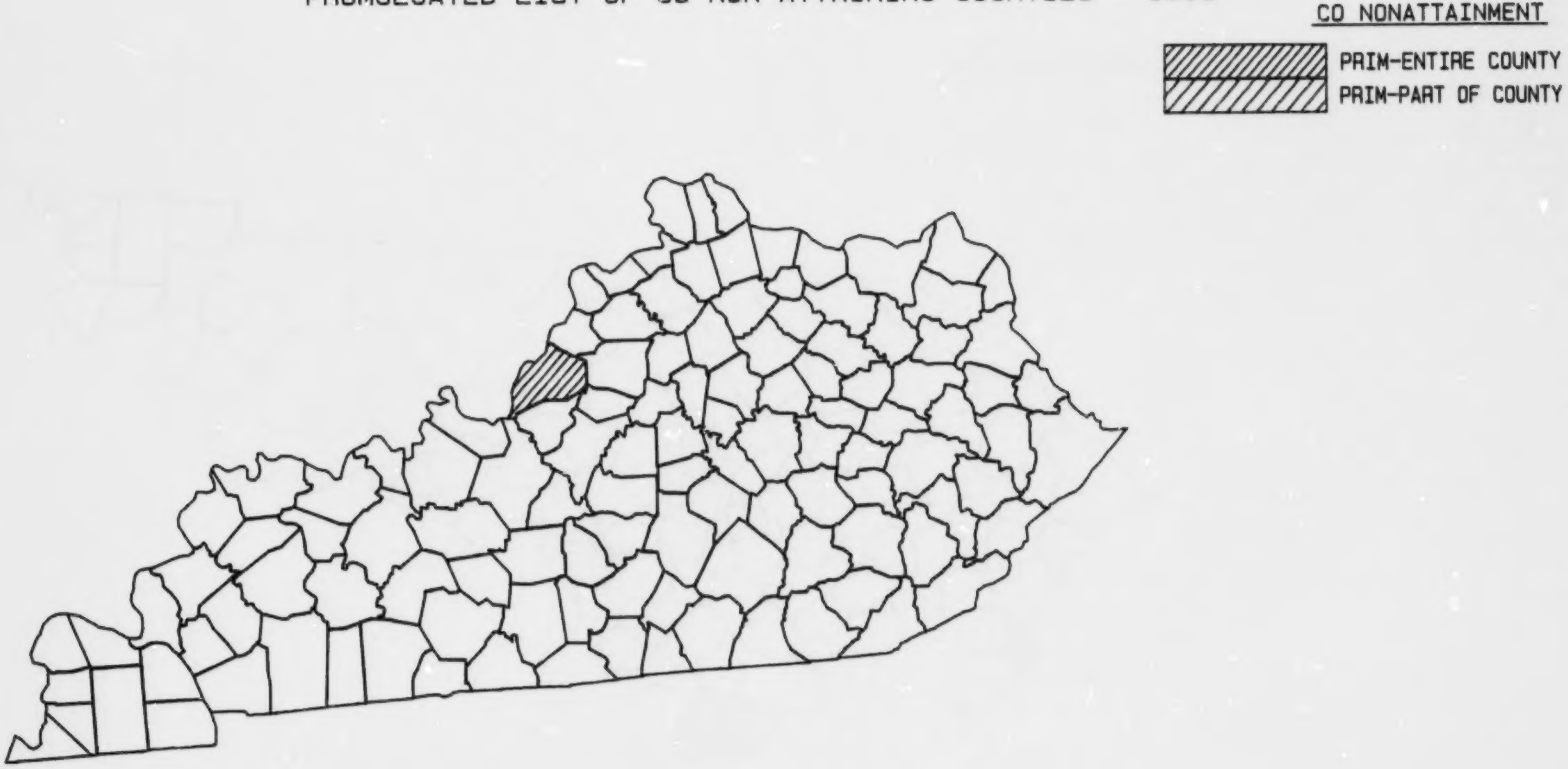
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

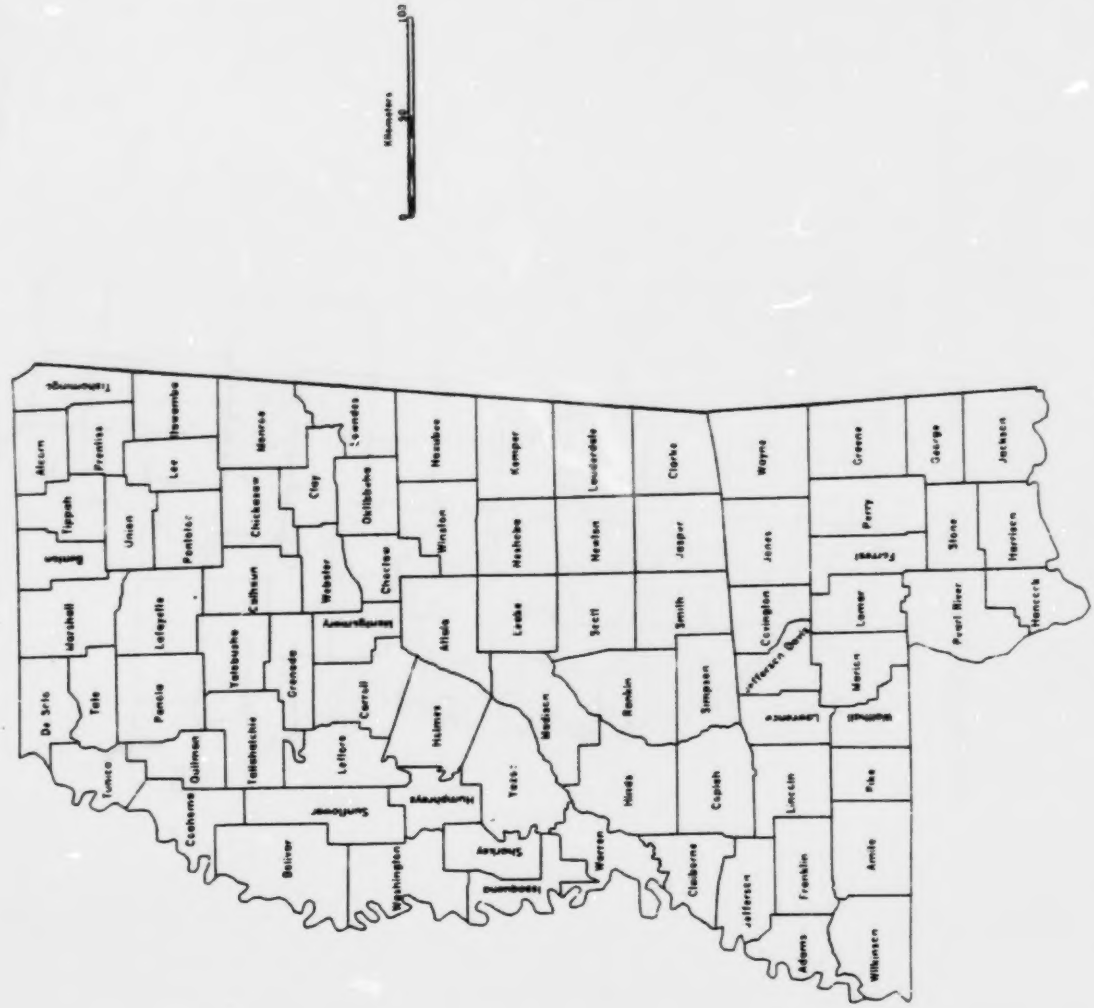
KENTUCKY

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

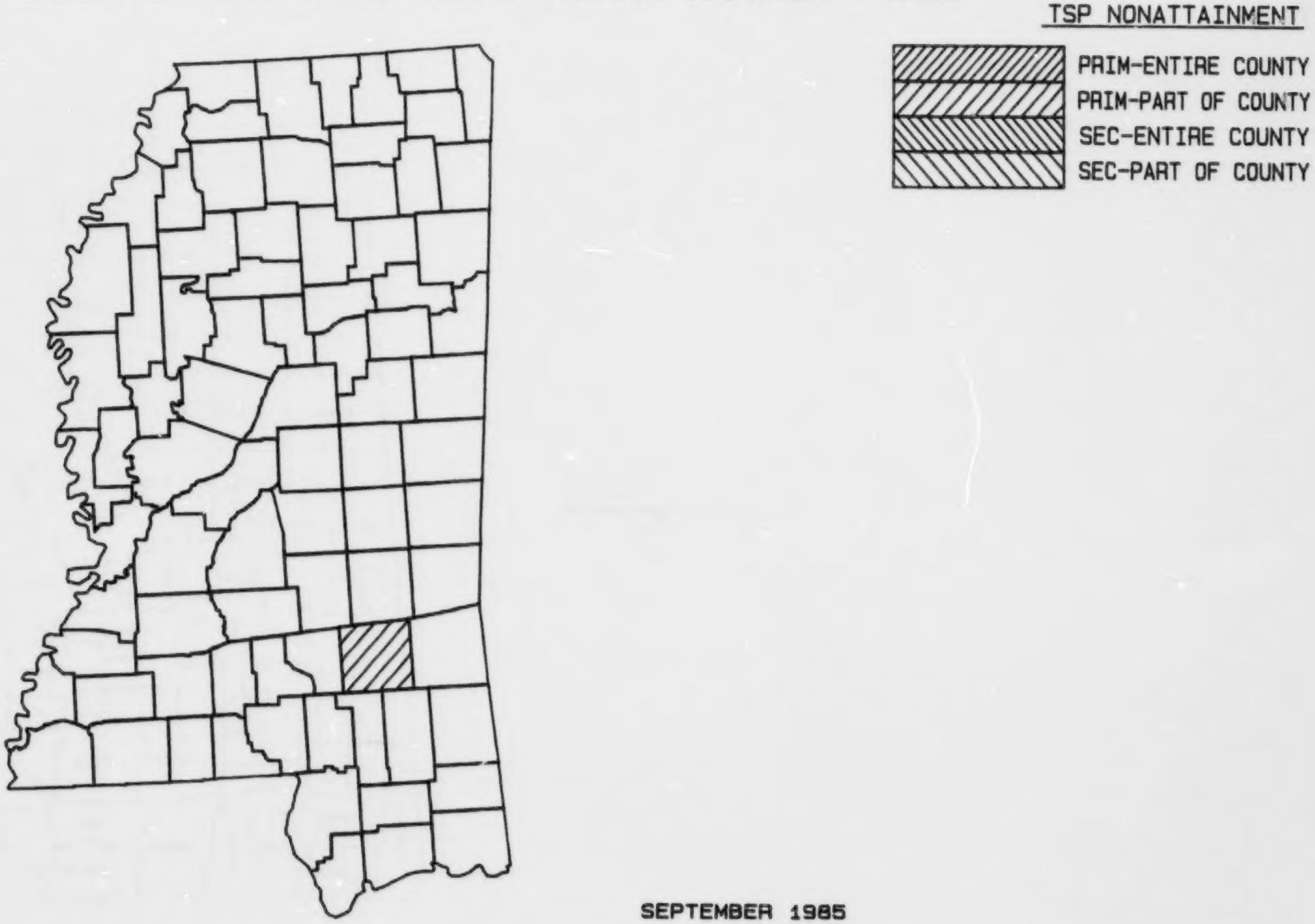
SEPTEMBER 1985

MISSISSIPPI


Kilometers
0
50
100
Tishomingo
Alcorn
Prentiss
Itawamba
Lee
Monroe
Lowndes
Noxubee
Kemper
Lauderdale
Clarke
Wayne
Greene
George
Jackson
Tippah
Benton
Union
Pontotoc
Chickasaw
Clay
Oktibbeha
Winston
Neshoba
Newton
Jasper
Jones
Perry
Forrest
Stone
Harrison
Marshall
Lafayette
Calhoun
Webster
Choctaw
Montgomery
Attala
Leake
Scott
Smith
Covington
Lamar
Pearl River
Hancock
De Soto
Tate
Panola
Yalobusha
Grenada
Carroll
Holmes
Madison
Rankin
Simpson
Jefferson Davis
Marion
Lawrence
Walthall
Tunica
Quitman
Tallahatchie
Leflore
Humphreys
Yazoo
Hinds
Copiah
Lincoln
Pike
Coahoma
Sunflower
Bolivar
Washington
Sharkey
Issaquena
Warren
Claiborne
Jefferson
Franklin
Amite
Adams
Wilkinson

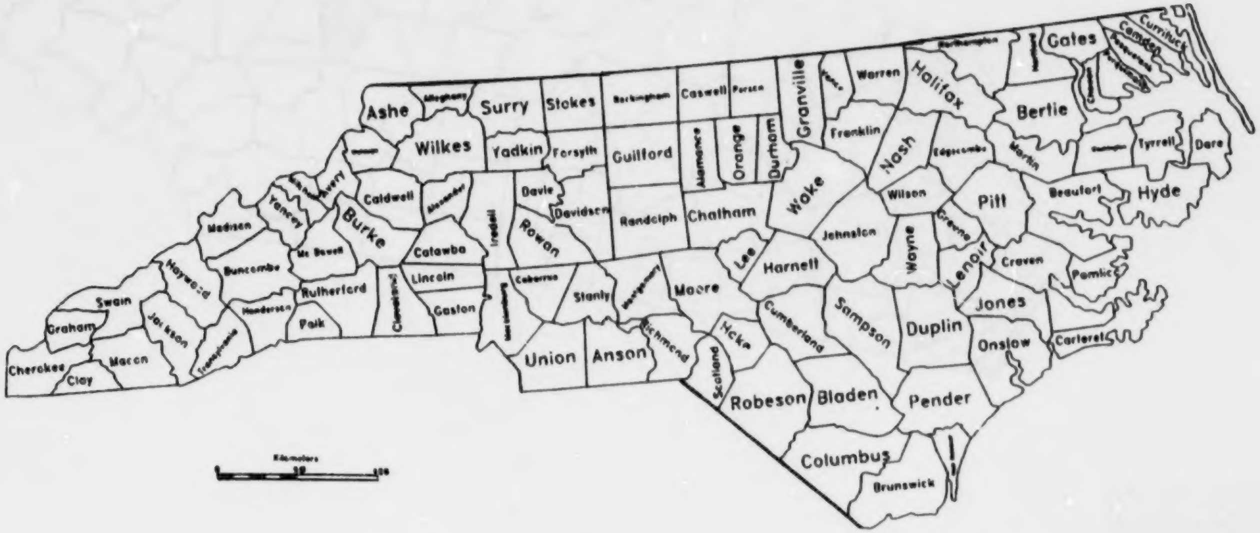
MISSISSIPPI

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

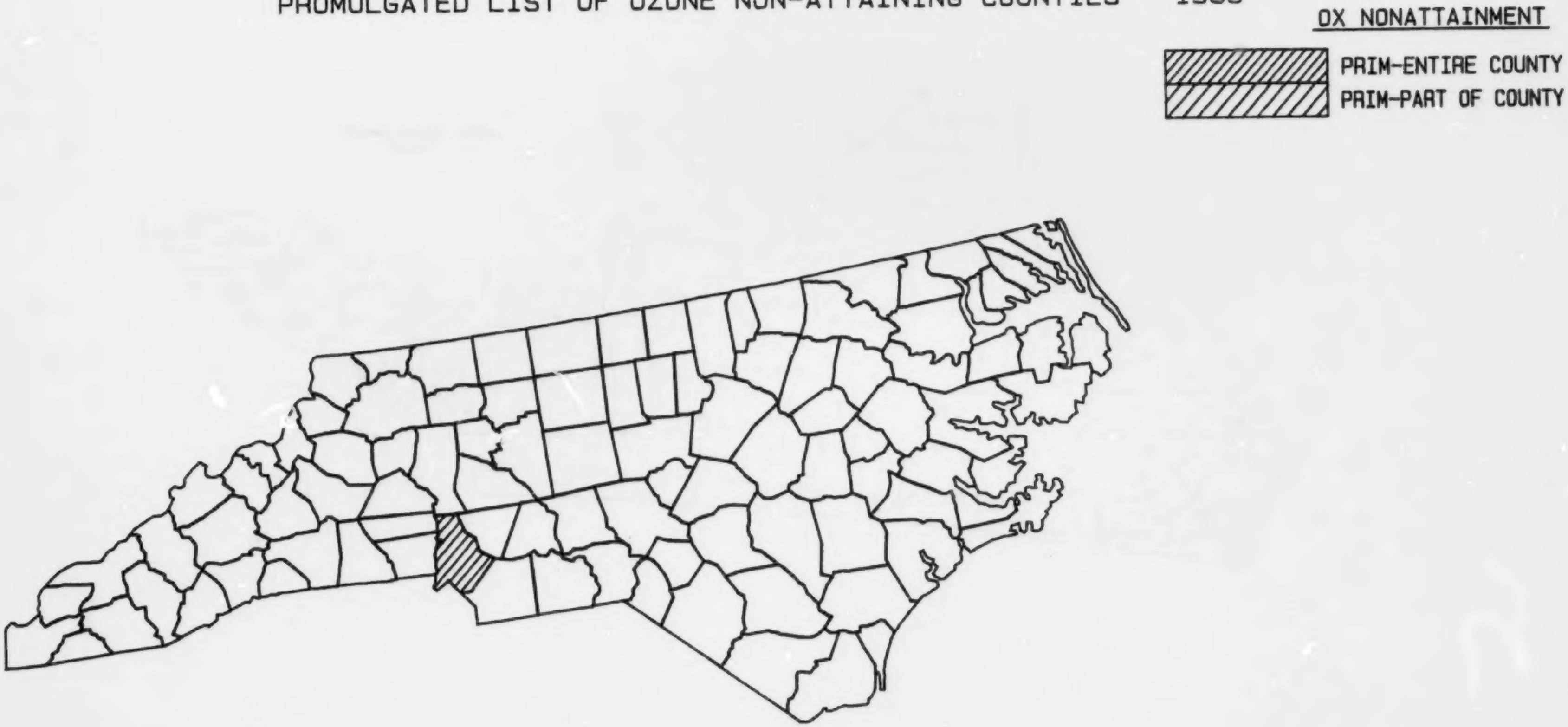
SEPTEMBER 1985

NORTH CAROLINA


Ashe
Alleghany
Surry
Stokes
Rockingham
Caswell
Person
Granville
Vance
Warren
Northampton
Gates
Currituck
Camden
Pasquotank
Perquimans
Halifax
Bertie
Wilkes
Yadkin
Forsyth
Guilford
Alamance
Orange
Durham
Franklin
Nash
Edgecombe
Martin
Tyrrell
Dare
Caldwell
Avery
Yancey
Madison
Burke
Alexander
Iredell
Davie
Davidson
Randolph
Chatham
Wake
Wilson
Pitt
Beaufort
Hyde
Buncombe
Mc Dowell
Catawba
Rowan
Johnston
Greene
Haywood
Swain
Graham
Cherokee
Clay
Macon
Jackson
Transylvania
Henderson
Rutherford
Polk
Cleveland
Lincoln
Gaston
Mecklenburg
Cabarrus
Stanly
Montgomery
Moore
Lee
Harnett
Wayne
Lenoir
Craven
Pamlico
Jones
Union
Anson
Richmond
Scotland
Hoke
Cumberland
Sampson
Duplin
Onslow
Carteret
Robeson
Bladen
Pender
Columbus
Brunswick
Kilometers
0
50
100

NORTH CAROLINA

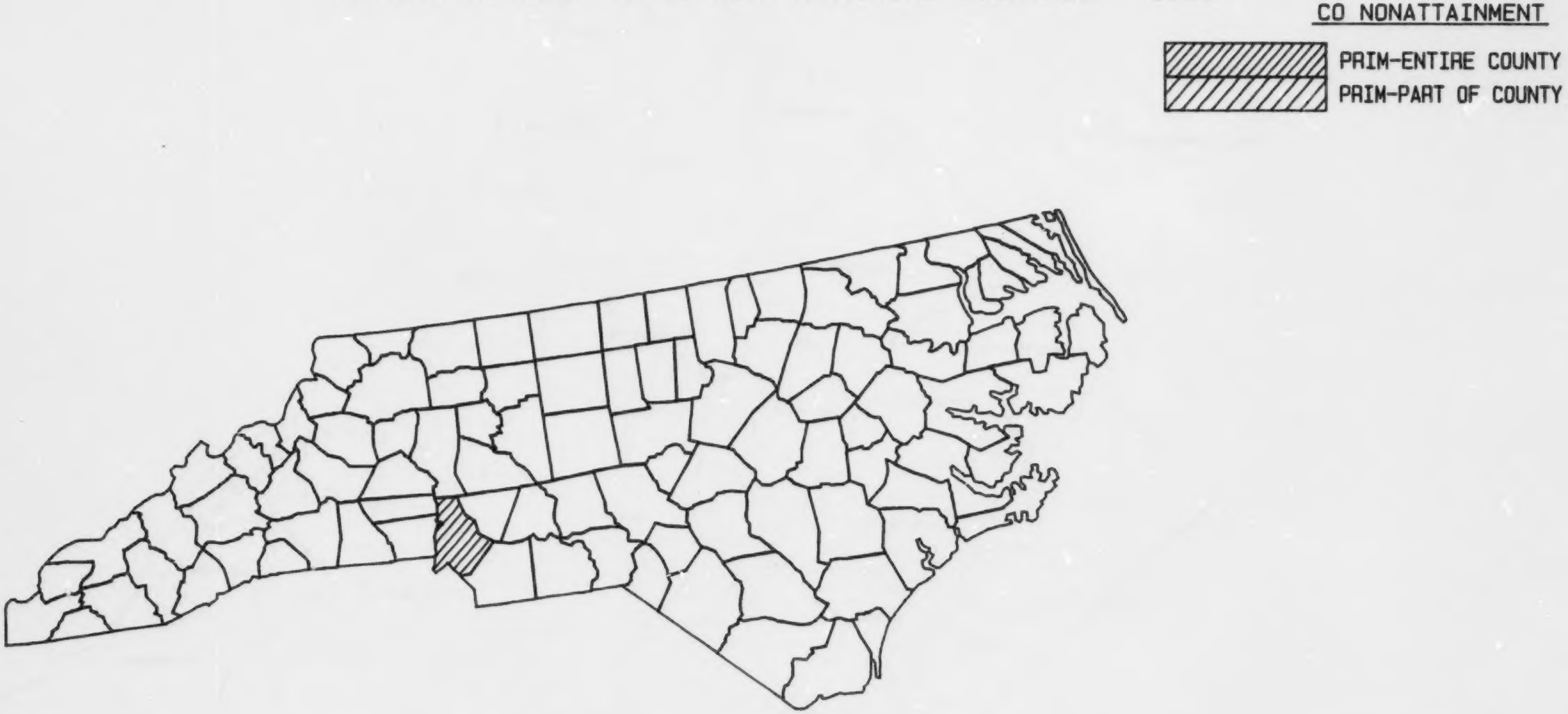
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

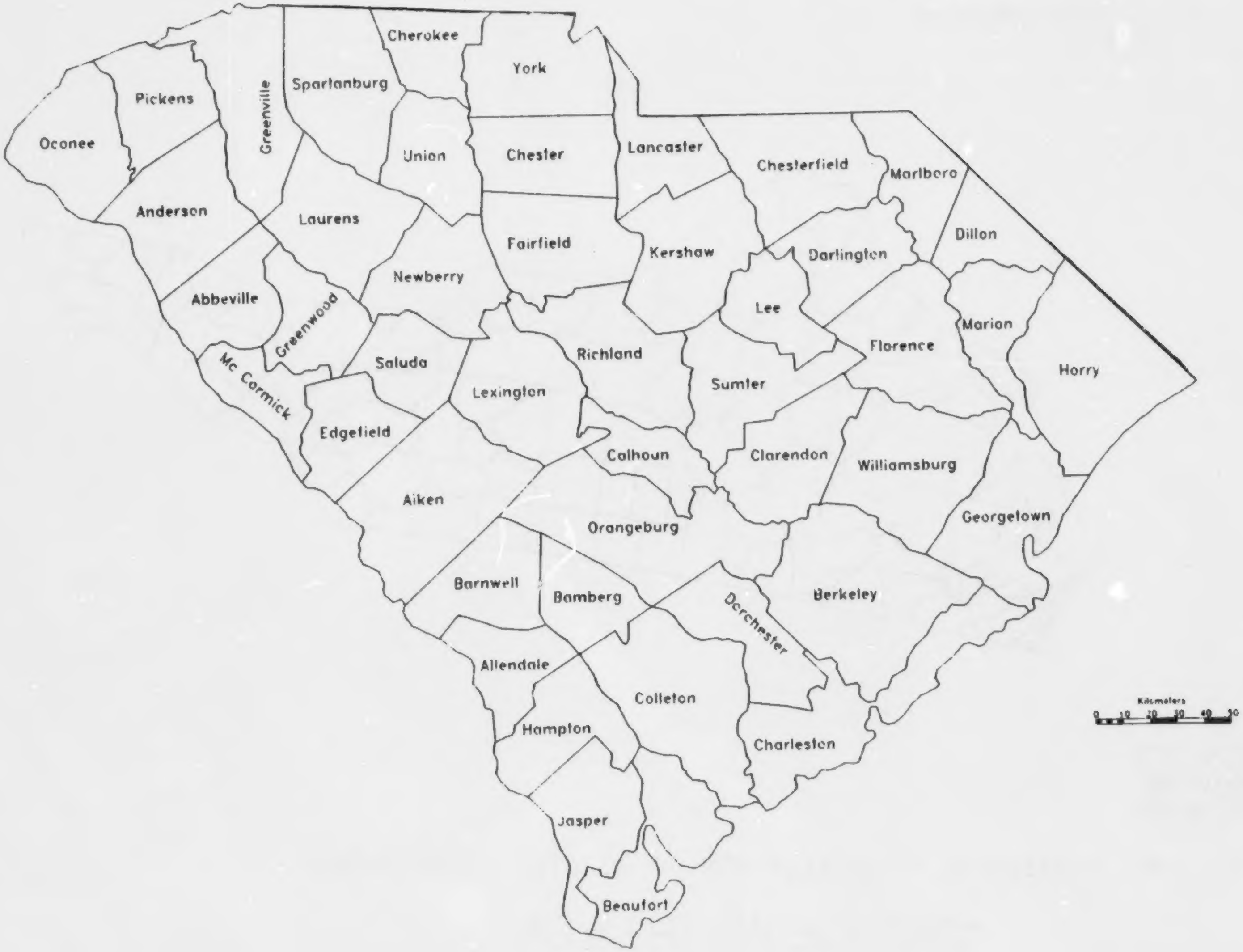
NORTH CAROLINA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

SOUTH CAROLINA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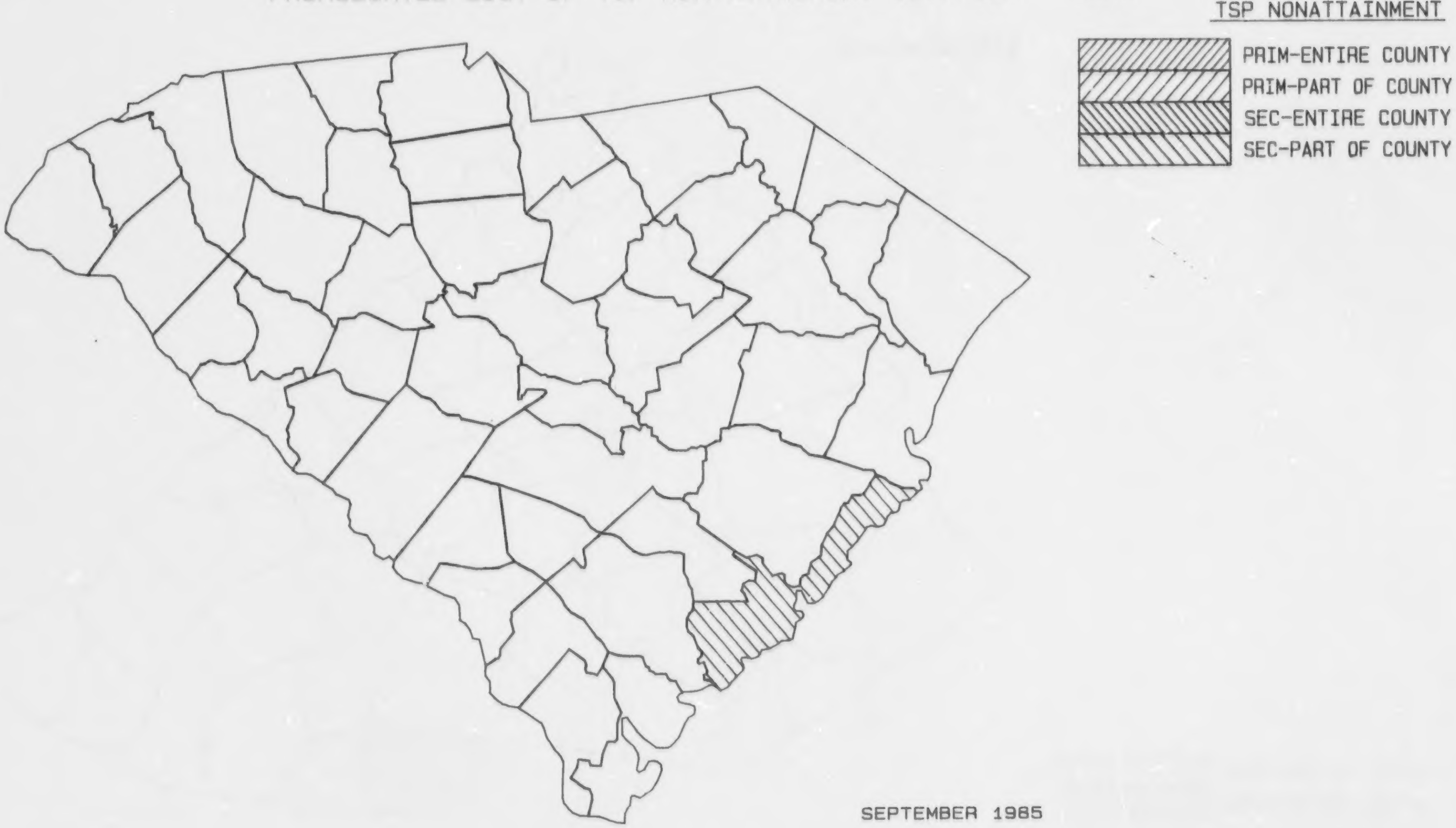
Greenville
Spartanburg
Oconee
Union
Chester
Lancaster
Chesterfield
Marlboro
Anderson
Laurens
Fairfield
Dillon
Kershaw
Darlington
Newberry
Abbeville
Greenwood
Lee
Marion
Saluda
Richland
Florence
Horry
Lexington
Sumter
Mc Cormick
Edgefield
Calhoun
Clarendon
Williamsburg
Aiken
Orangeburg
Georgetown
Barnwell
Bamberg
Berkeley
Dorchester
Allendale
Colleton
Hampton
Charleston
Jasper
Beaufort
Kilometers
0 10 20 30 40 50

SOUTH CAROLINA

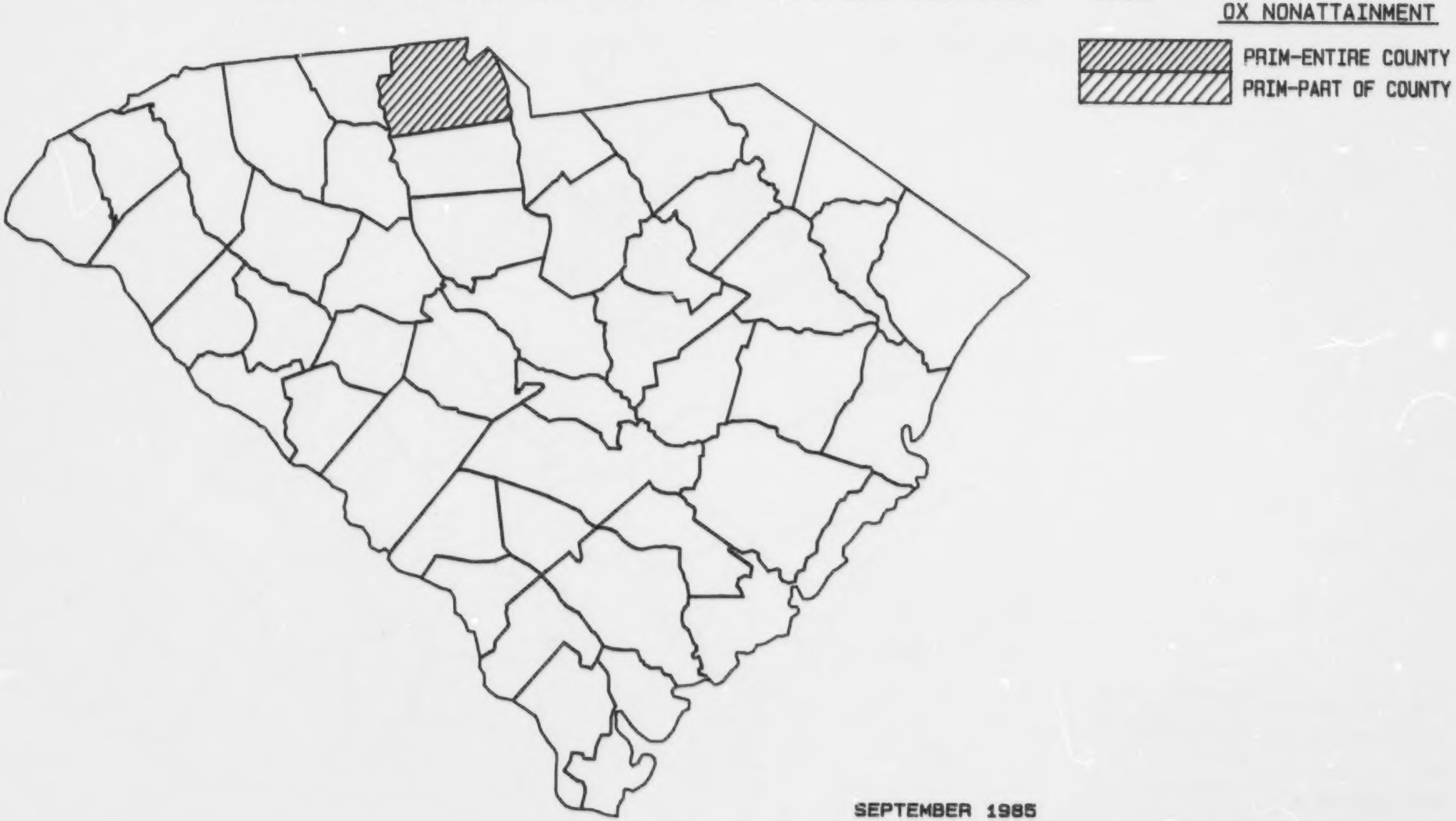
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

SOUTH CAROLINA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985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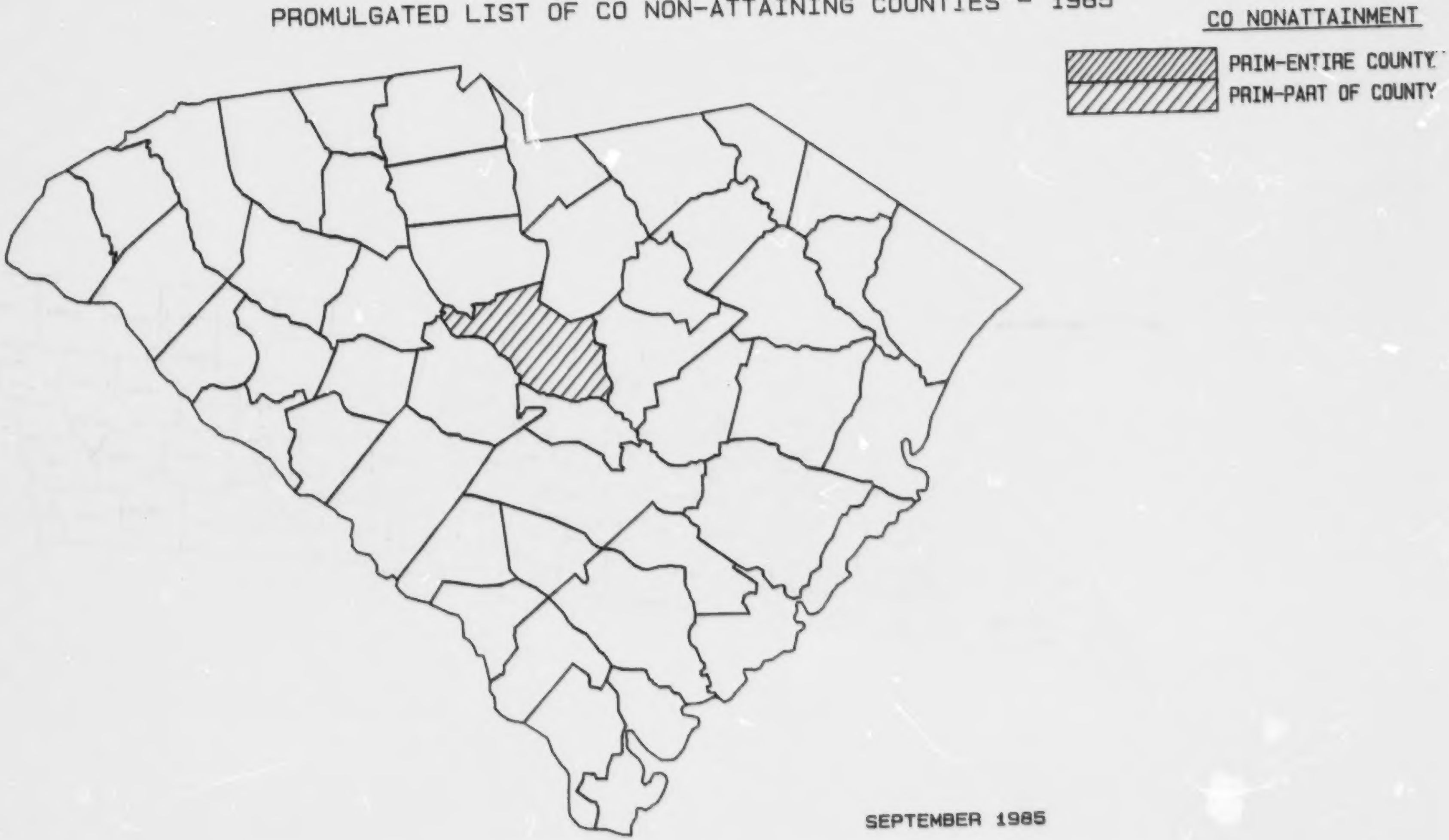
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

SOUTH CAROLINA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

TENNESSEE

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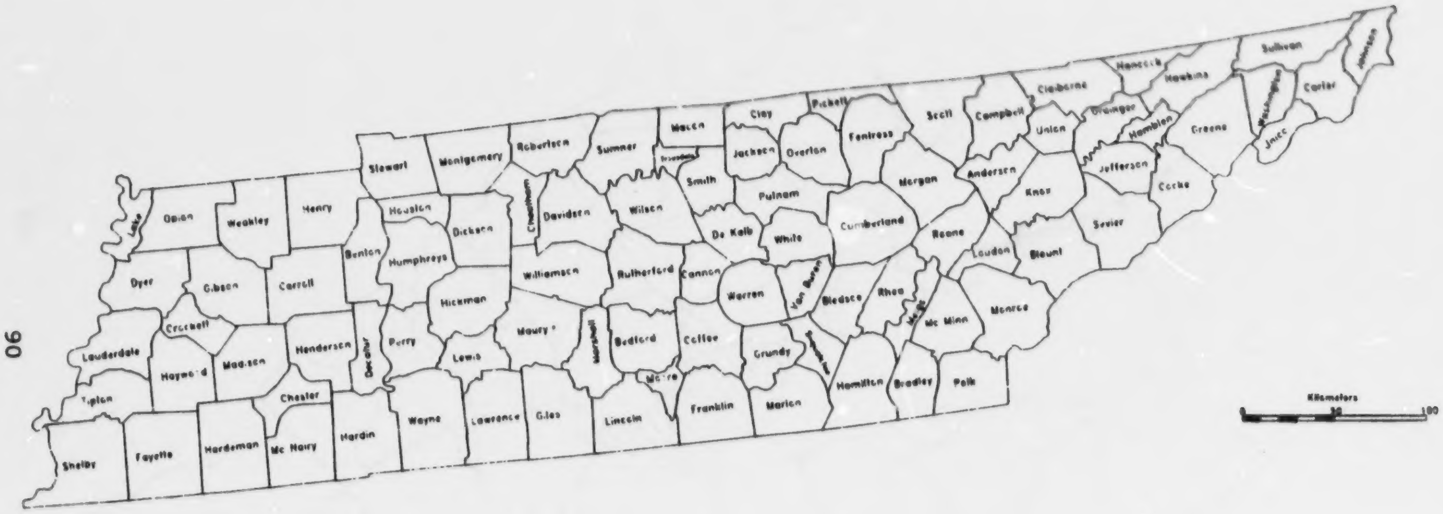
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Henry
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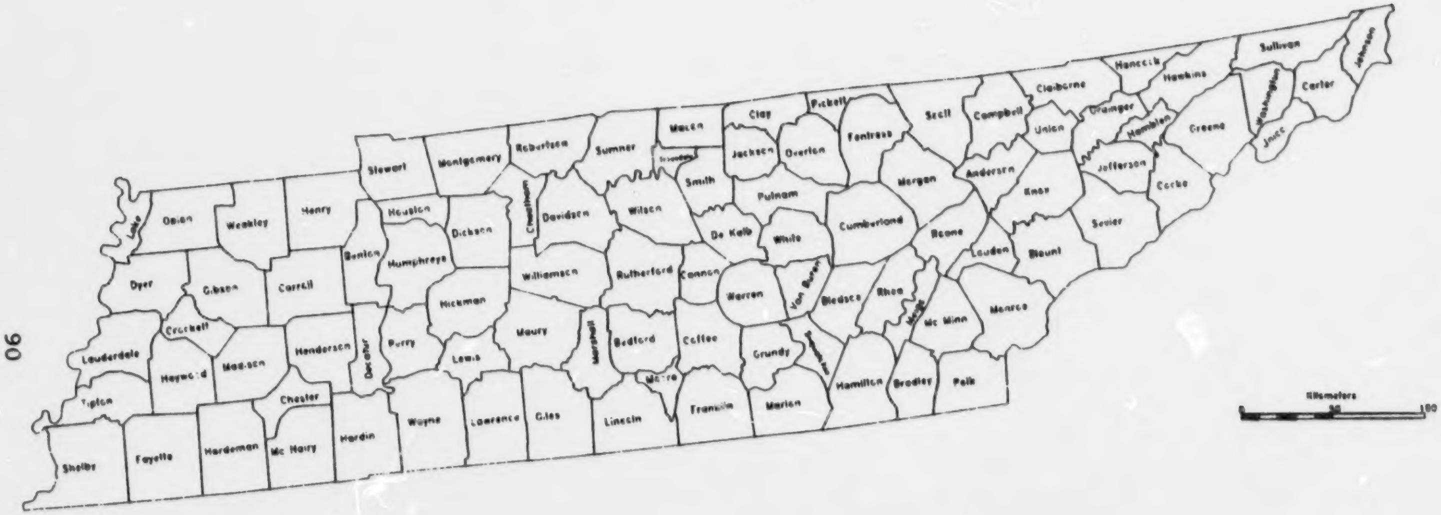
Montgomery
Robertson
Sumner
Macon
Clay
Pickett
Fentress
Scott
Campbell
Claiborne
Hancock
Hawkins
Sullivan
Johnson
Carter
Washington
Unicoi
Greene
Hamblen
Grainger
Union
Jefferson
Cocke
Anderson
Knox
Sevier
Blount
Loudon
Monroe
Morgan
Roane
Overton
Jackson
Putnam
Trousdale
Smith
Wilson
Davidson
Cheatham
Houston
Benton
Humphreys
Dickson
Dyer
Gibson
Carroll
Williamson
Rutherford
Cannon
De Kalb
White
Cumberland
Warren
Van Buren
Bledsoe
Rhea
Meigs
Mc Minn
Lauderdale
Crockett
Haywood
Madison
Henderson
Decatur
Perry
Hickman
Lewis
Maury
Marshall
Bedford
Coffee
Grundy
Sequatchie
Hamilton
Bradley
Polk
Tipton
Shelby
Fayette
Hardeman
Mc Nairy
Chester
Hardin
Wayne
Lawrence
Giles
Lincoln
Moore
Franklin
Marion
Kilometers
0
50
100

TENNESSEE

Reproduced from
best available copy.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Hancock
Hawkins
Sullivan
Johnson
Carter
Washington
Unicoi
Greene
Hamblen
Grainger
Union
Jefferson
Cocke
Sevier
Knox
Anderson
Morgan
Overton
Jackson
Trousdale
Smith
Putnam
Cumberland
Roane
Loudon
Blount
Monroe
Dyer
Gibson
Carroll
Benton
Houston
Humphreys
Dickson
Cheatham
Davidson
Wilson
De Kalb
White
Williamson
Rutherford
Cannon
Warren
Van Buren
Bledsoe
Rhea
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Crockett
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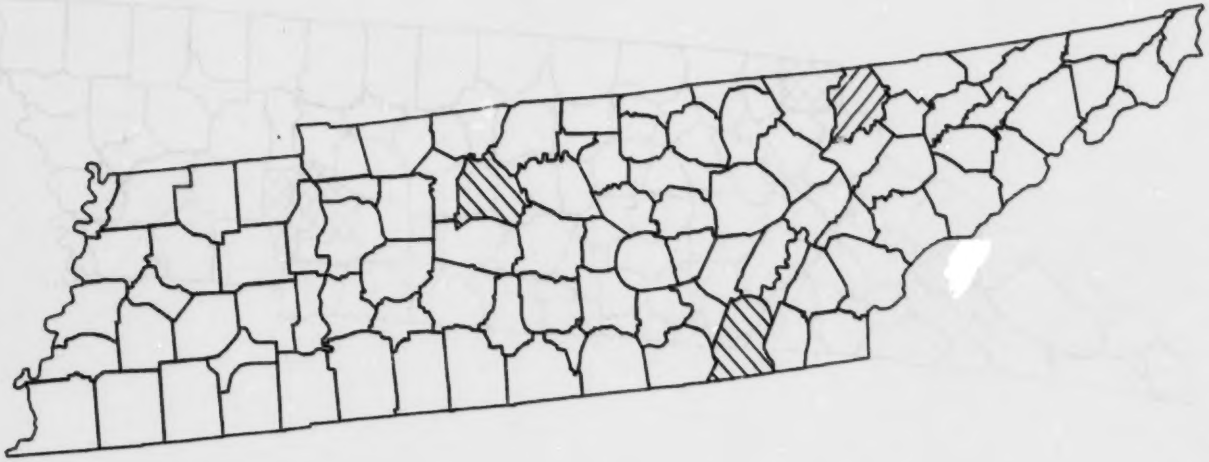
Haywood
Madison
Henderson
Decatur
Perry
Hickman
Lewis
Maury
Marshall
Bedford
Coffee
Grundy
Sequatchie
Hamilton
Bradley
Polk
Tipton
Chester
Shelby
Fayette
Hardeman
Mc Nairy
Hardin
Wayne
Lawrence
Giles
Lincoln
Moore
Franklin
Marion
Kilometers
0
50
100

TENNESSEE

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985

TSP NONATTAINMENT

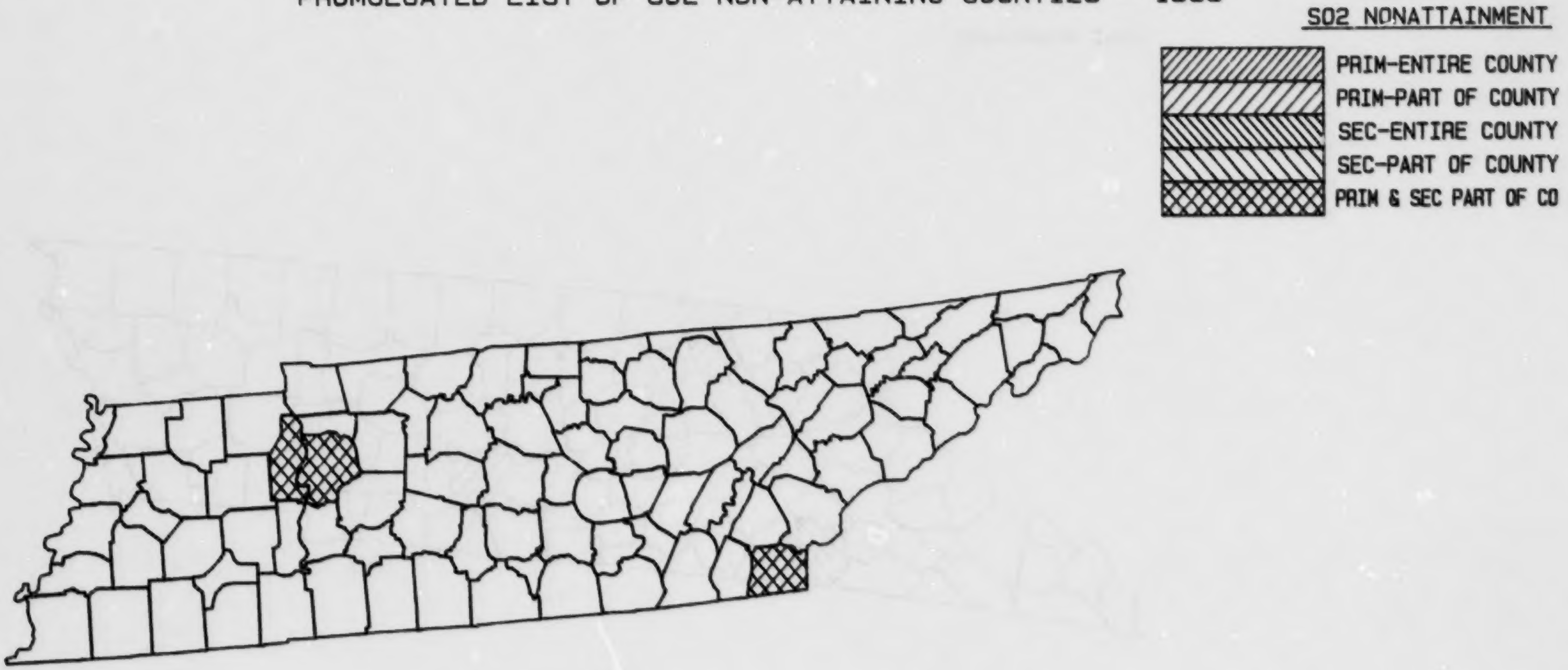
- ▨ PRIM-ENTIRE COUNTY
- ▨ PRIM-PART OF COUNTY
- ▨ SEC-ENTIRE COUNTY
- ▨ SEC-PART OF COUNTY



SEPTEMBER 1985

TENNESSEE

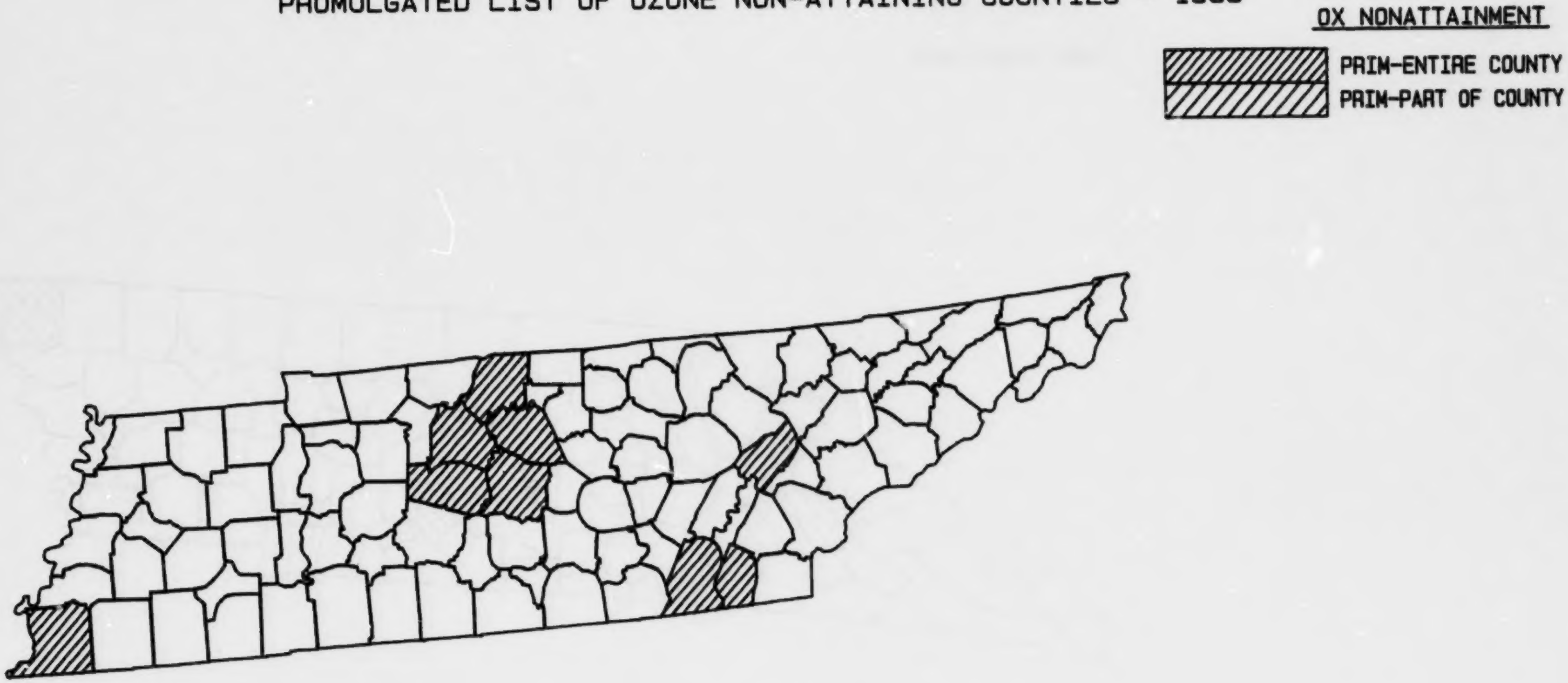
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

TENNESSEE

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

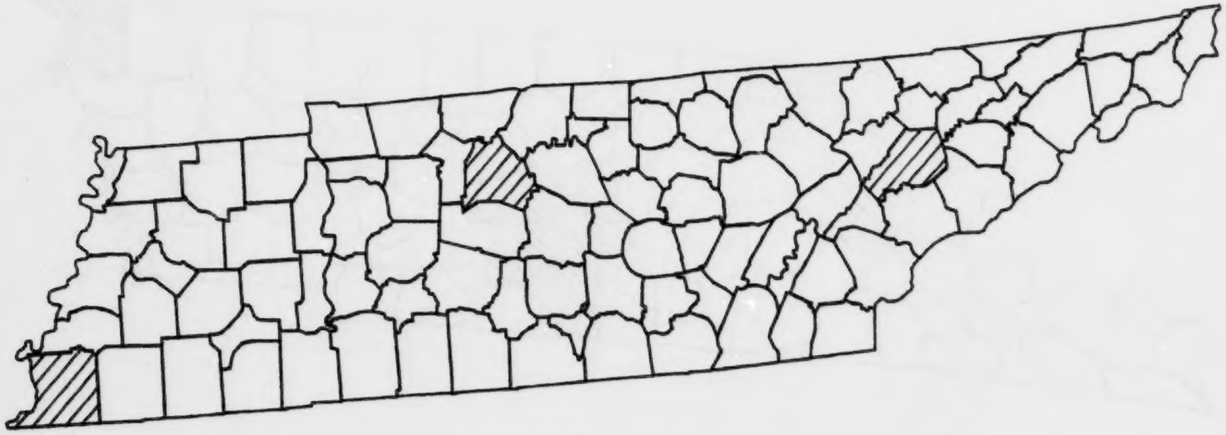
SEPTEMBER 1985

TENNESSEE

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985

CO NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY



SEPTEMBER 1985

Region V

Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin

Air Programs Branch
EPA Region V
230 South Dearborn
Chicago, Illinois 60604
(312) 353-2211

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR ILLINOIS

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
COOK CO	5253655	P				P		W
DE KALB CO	74624		P					
DU PAGE CO	658829	P						W
GRUNDY CO	26535		P					
JO DAVIESS CO	23520		P					
KANE CO	278405		P					W
KANKAKEE CO	102926		P					
KENDALL CO	37202		P					
LAKE CO	440372							W
LA SALLE CO	112033	P						
MC LEAN CO	119149		P					
MACON CO	131375	P						
MACOUPIN CO	49384							W
MADISON CO	247661	P						W
MASSAC CO	14990		P					
MENARD CO	11700		P					
MONROE CO	20117		P					W
PEORIA CO	200466		P	P	P			
ROCK ISLAND CO	165968	P						
ST CLAIR CO	267531	P						W
SANGAMON CO	161335		P					
TAZEWELL CO	132078		P	P				
WHITESIDE CO	65970		P					
WILL CO	324460	P						
WILLIAMSON CO	56538		P					W

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR INDIANA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
CLARK CO	88838		P					W
DEARBORN CO	34291		P					
DUBOIS CO	34238	P						
ELKHART CO	137330							W
FLOYD CO	61205							W
LAKE CO	522965	P		P		P		W
LA PORTE CO	108632			P				
MARION CO	765233	P		W		P		W
PORTER CO	119816							W
ST JOSEPH CO	241617		P					W
VANDERBURGH CO	167515		P					
VIGO CO	112385		P	W				
WAYNE CO	76058			P				

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR MICHIGAN

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
ALLEGAN CO	81555							W
BARRY CO	45781							W
BAY CO	119881		P					W
BERRIEN CO	171276							W
BRANCH CO	40188							W
CALHOUN CO	141557		P					W
CASS CO	49499							W
CLINTON CO	55893							W
DELTA CO	38947		P					
EATON CO	88337							W
GENESEE CO	450449		P					W
GRATIOT CO	40448							W
HILLSDALE CO	42071							W
HURON CO	36459							W
INGHAM CO	275520							W
IONIA CO	51815							W
JACKSON CO	151495							W
KALAMAZOO CO	212378							W
KENT CO	444506							W
LAPEER CO	70038	P	P					W
LENAWEE CO	89948							W
LIVINGSTON CO	100289							W
MACOMB CO	694600					P		W
MANISTEE CO	23019		P					
MARQUETTE CO	74101							W
MIDLAND CO	73578		P					W
MONROE CO	134659	P	P					W
MONTCALM CO	47555							W
MUSKEGON CO	157589		P					W
OAKLAND CO	1011793					P		W
OTTAWA CO	157174							W
SAGINAW CO	228059		P					W
ST CLAIR CO	138802		P					W
ST JOSEPH CO	56083							W
SANILAC CO	40789							W
SHIAWASSEE CO	71140							W
TUSCOLA CO	56961							W
VAN BUREN CO	66814							W
WASHTENAW CO	264748							W
WAYNE CO	2337891	P				P		W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR MINNESOTA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
ANOKA CO	195998		P	W		W		
BENTON CO	25187					P		
CARVER CO	37046			W		W		
DAKOTA CO	194279		P	W		W		
GOODHUE CO	38749		P					
HENNEPIN CO	941411	P	P	W		W		
ITASCA CO	43069		P					
KOOCHICHING CO	17571		P					
OLMSTED CO	92006			P		P		
RAMSEY CO	459784	P	P	W		W		
ST LOUIS CO	222229	P	P			P		
SCOTT CO	43784			W		W		
SHERBURNE CO	29908					P		
STEARNS CO	108161					P		
WASHINGTON CO	113571		P	W		W		

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR OHIO

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
ASHTABULA CO	104215							W
BELMONT CO	82569	P						
BUTLER CO	258787		P					W
CLARK CO	150236		P					W
CLERMONT CO	128483			P				W
CLINTON CO	34603							W
COLUMBIANA CO	113572	P		P				W
CUYAHOGA CO	1498400	P		P		W		W
DELAWARE CO	53840							W
FRANKLIN CO	869132	P				W		W
GALLIA CO	30098		W		P			
GEAUGA CO	74474							W
GREENE CO	129769							W
HAMILTON CO	873224	P				W		W
JACKSON CO	30592		W					
JEFFERSON CO	91564	P		P				W
LAKE CO	212801	P	P	P				W
LAWRENCE CO	63849		P					
LICKING CO	120981							W
LOGAN CO	39155	W						
LORAIN CO	274909	P	P	P				W
LUCAS CO	471741	P	P	P				W
MAHONING CO	289487							W
MEDINA CO	113150		W					
MIAMI CO	90381	P						W
MONROE CO	17382	P						
MONTGOMERY CO	571697	P						W
MORGAN CO	14241				P			
MUSKINGUM CO	83340		W					
PORTAGE CO	135856							W
PREBLE CO	38223							W
RICHLAND CO	131205	W						
SANDUSKY CO	63267	W						
SCIOTO CO	84545	P						
SENECA CO	61901		P					
STARK CO	378823	P						W
SUMMIT CO	524472	P						W
TRUMBULL CO	241863	P						W
TUSCARAWAS CO	84614		W					
WARREN CO	99276							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR OHIO

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
WASHINGTON CO	64266		W		P			
WYANDOT CO	22651		W					

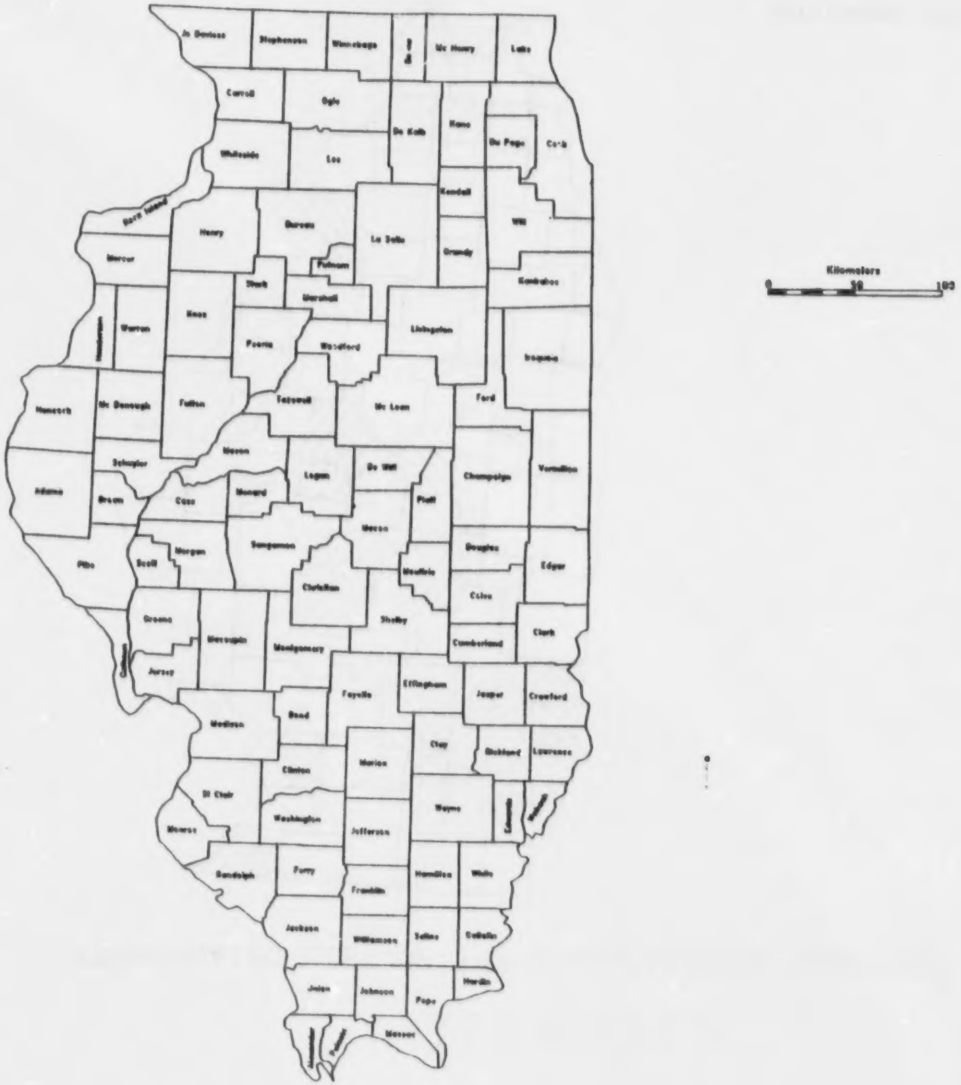
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR WISCONSIN

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
BROWN CO	175280		P	P				
DANE CO	323545		P	P				
DOUGLAS CO	44421		P					
KENOSHA CO	123137		P					W
MANITOWOC CO	82918		P					
MARATHON CO	111270		P	P				
MILWAUKEE CO	964988	P		P				W
OZAUKEE CO	66981							W
RACINE CO	173132		P					W
ROCK CO	139420		P					
SHEBOYGAN CO	100935							W
WAUKESHA CO	280080		P					W
WINNEBAGO CO	131722		P					
WOOD CO	72799		P					

P = PART OF THE COUNTY

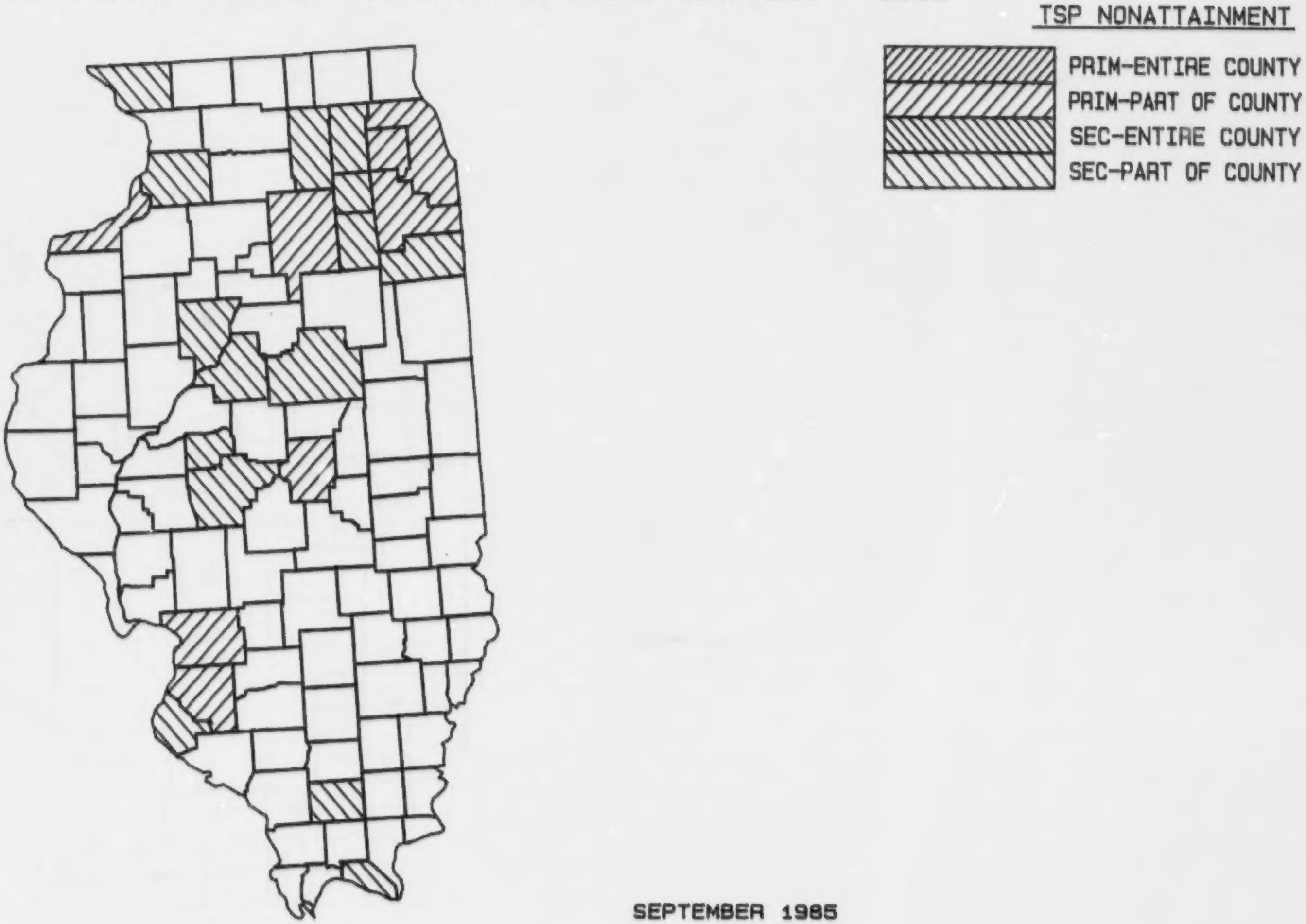
W = THE WHOLE COUNTY

ILLINOIS


Kilometers
0
50
100
Jo Daviess
Stephenson
Winnebago
Boone
Mc Henry
Lake
Carroll
Ogle
De Kalb
Kane
Du Page
Cook
Whiteside
Lee
Kendall
Will
Rock Island
Henry
Bureau
La Salle
Grundy
Mercer
Putnam
Stark
Marshall
Kankakee
Henderson
Warren
Knox
Peoria
Woodford
Livingston
Iroquois
Hancock
Mc Donough
Fulton
Tazewell
Mc Lean
Ford
Schuyler
Mason
Logan
De Witt
Champaign
Vermilion
Adams
Brown
Cass
Menard
Piatt
Pike
Scott
Morgan
Sangamon
Macon
Douglas
Edgar
Moultrie
Coles
Christian
Greene
Macoupin
Montgomery
Shelby
Cumberland
Clark
Calhoun
Jersey
Fayette
Effingham
Jasper
Crawford
Madison
Bond
Clay
Richland
Lawrence
Clinton
Marion
St Clair
Washington
Wayne
Edwards
Wabash
Monroe
Jefferson
Randolph
Perry
Hamilton
White
Franklin
Jackson
Williamson
Saline
Gallatin
Union
Johnson
Hardin
Pope
Alexander
Pulaski
Massac

ILLINOIS

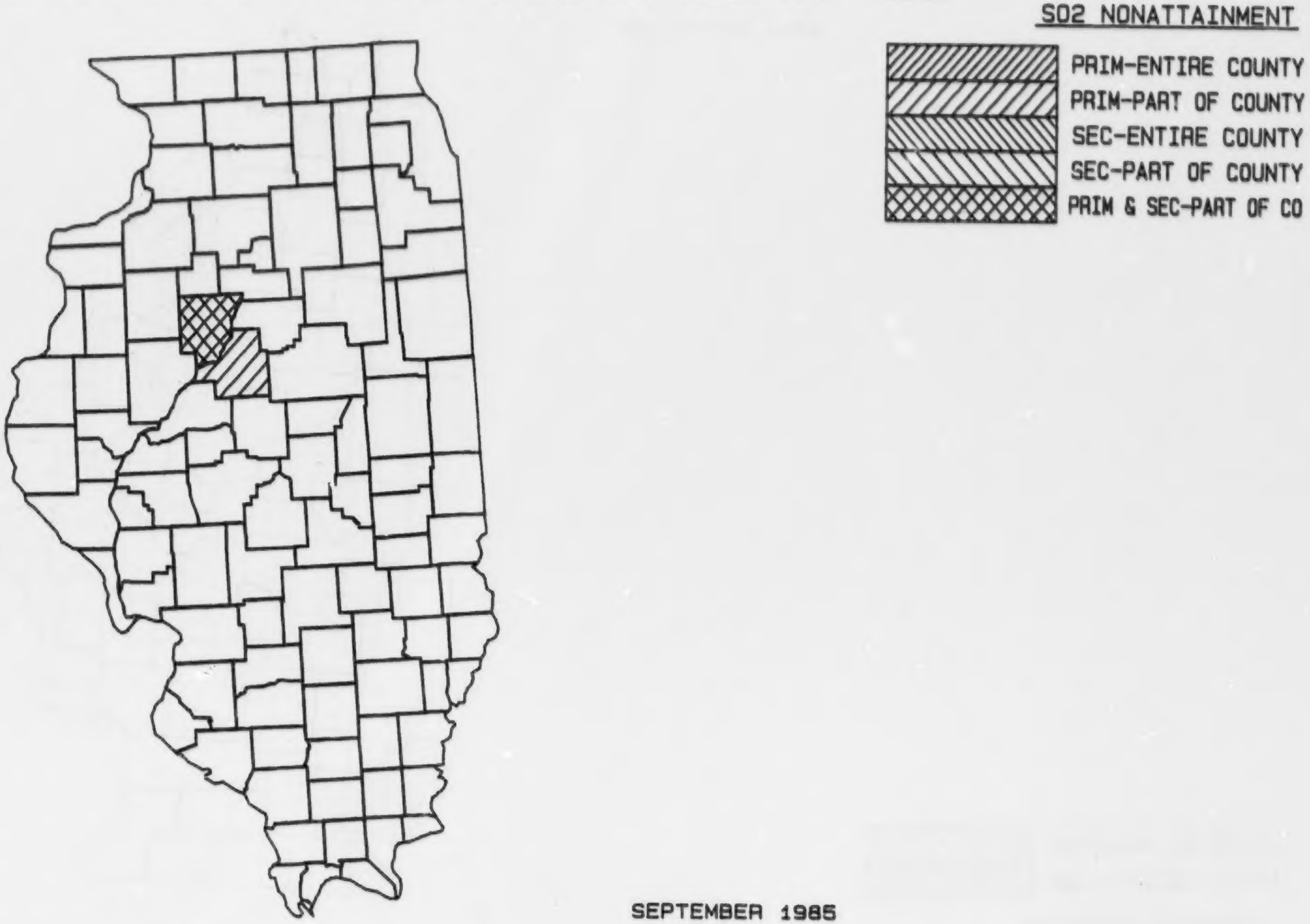
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

ILLINOIS

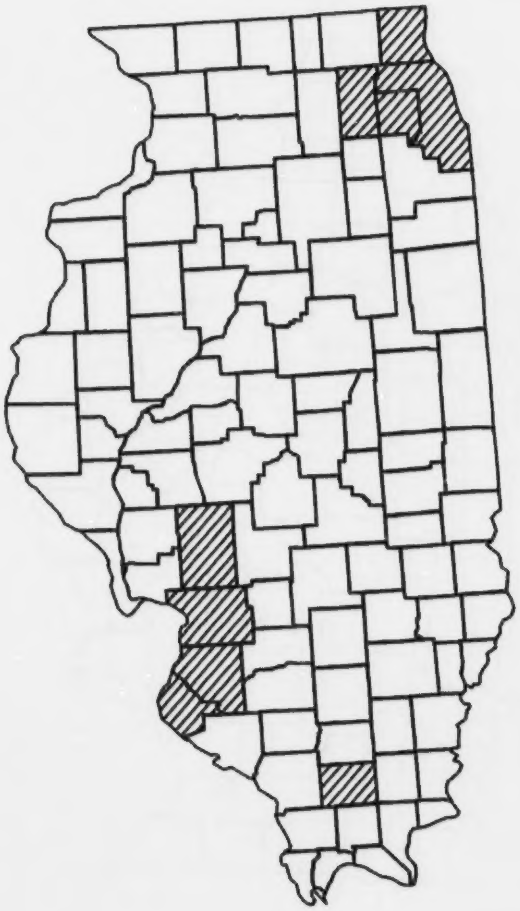
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC-PART OF CO

SEPTEMBER 1985

ILLINOIS

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985



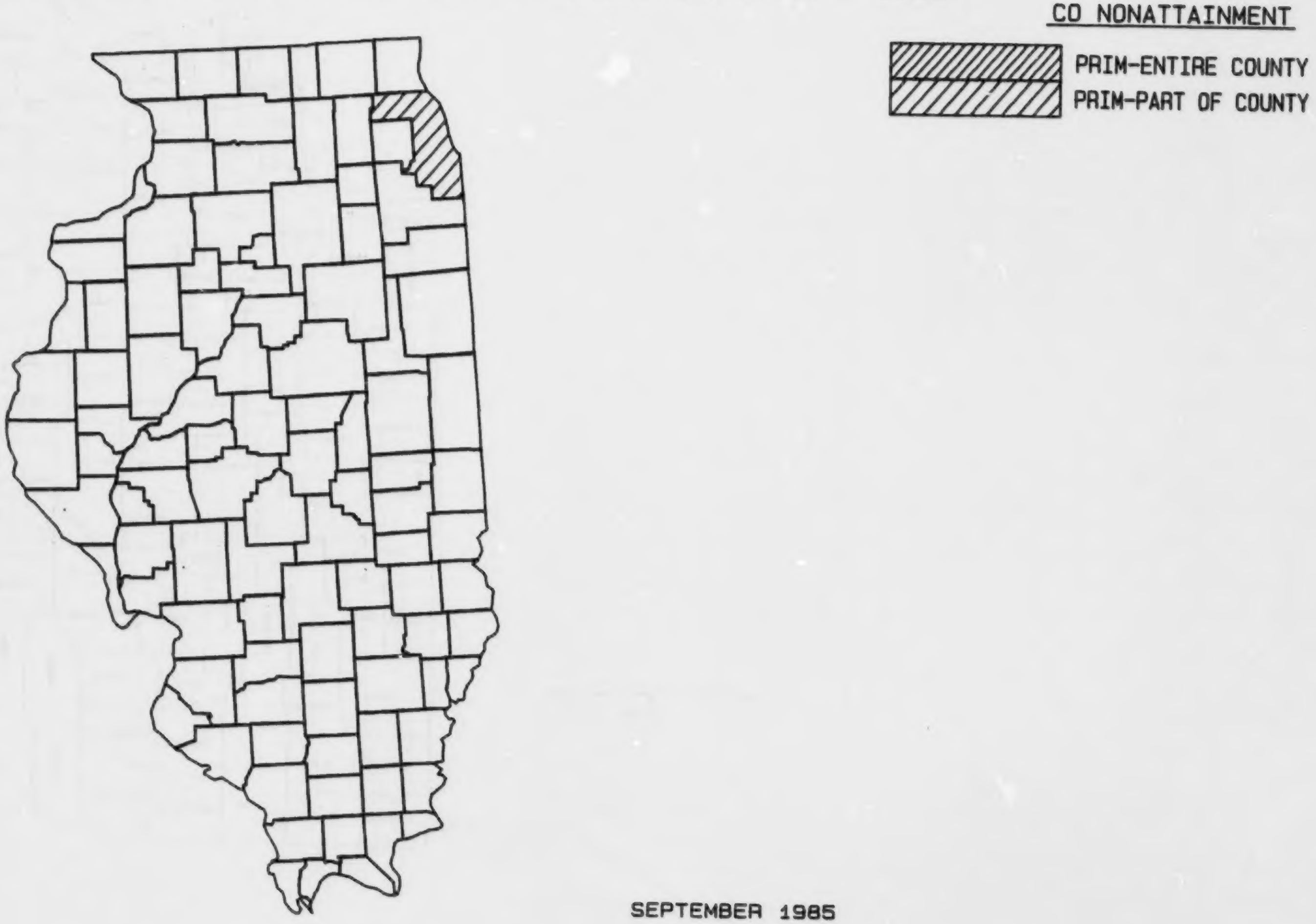
OX NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

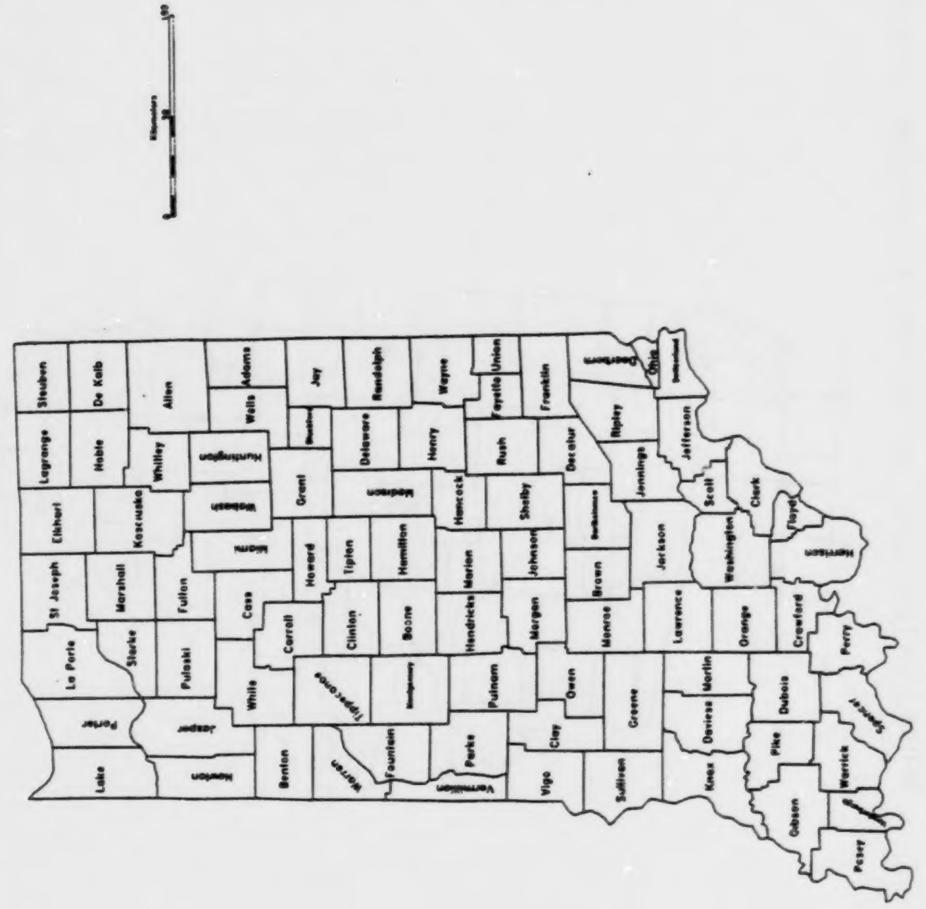
ILLINOIS

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

INDIANA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De Kalb
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Adams
Wells
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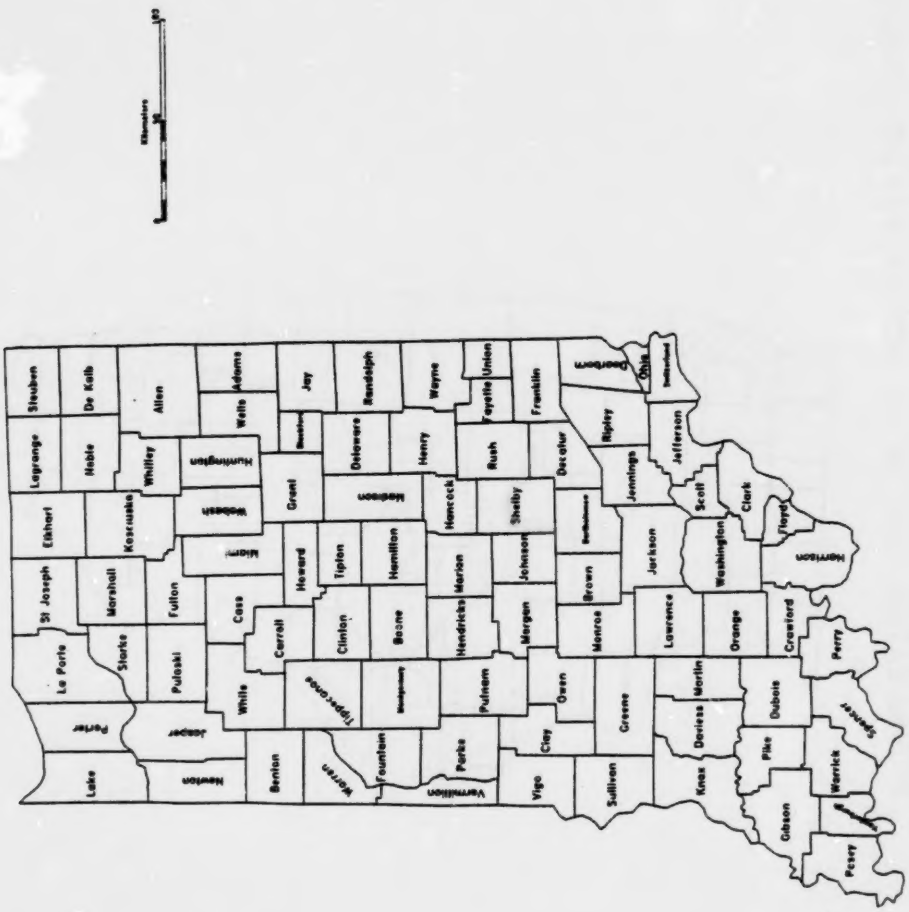
Randolph
Wayne
Union
Fayette
Franklin
Dearborn
Ohio
Switzerland
Lagrange
Noble
Whitley
Huntington
Blackford
Delaware
Henry
Rush
Decatur
Ripley
Jefferson
Jennings
Elkhart
Kosciusko
Wabash
Grant
Madison
Hancock
Shelby
Bartholomew
Scott
Clark
Floyd
St Joseph
Marshall
Fulton
Miami
Howard
Tipton
Hamilton
Marion
Johnson
Brown
Jackson
Washington
Harrison
La Porte
Starke
Pulaski
Cass
Carroll
Clinton
Boone
Hendricks
Morgan
Monroe
Lawrence
Orange
Crawford
Perry
Porter
Jasper
White
Tippecanoe
Montgomery
Putnam
Owen
Greene
Martin
Daviess
Dubois
Spencer
Lake
Newton
Benton
Warren
Fountain
Parke
Vermillion
Vigo
Clay
Sullivan
Knox
Pike
Warrick
Gibson
Vanderburgh
Posey

INDIANA


Kilometers
0
50
100
Steuben
De Kalb
Allen
Adams
Wells
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Fayette
Franklin
Dearborn
Ohio
Switzerland
Lagrange
Noble
Whitley
Huntington
Blackford
Delaware
Henry
Rush
Decatur
Ripley
Jefferson
Jennings
Elkhart
Kosciusko
Wabash
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Clark
Floyd
St Joseph
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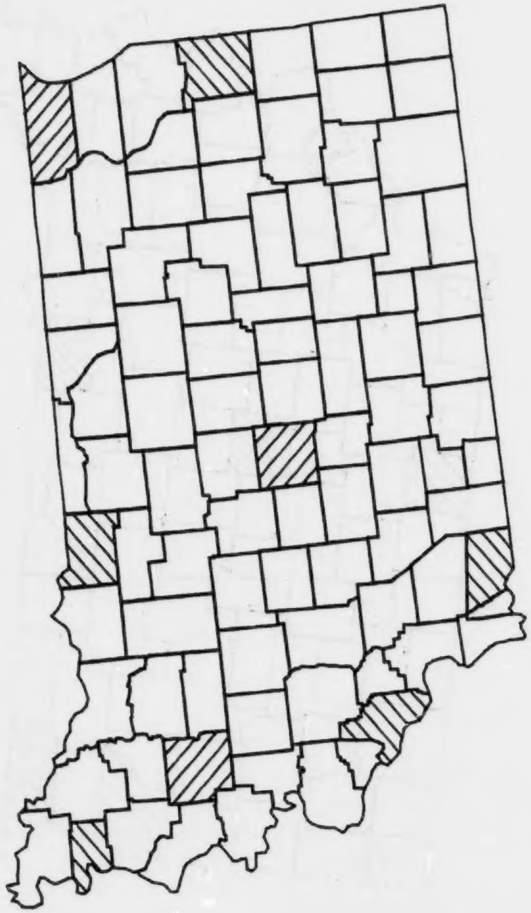
Lawrence
Orange
Crawford
Perry
Porter
Jasper
White
Tippecanoe
Montgomery
Putnam
Owen
Greene
Martin
Daviess
Dubois
Spencer
Lake
Newton
Benton
Warren
Fountain
Parke
Vermillion
Vigo
Clay
Sullivan
Knox
Pike
Warrick
Gibson
Vanderburgh
Posey

INDIANA

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985



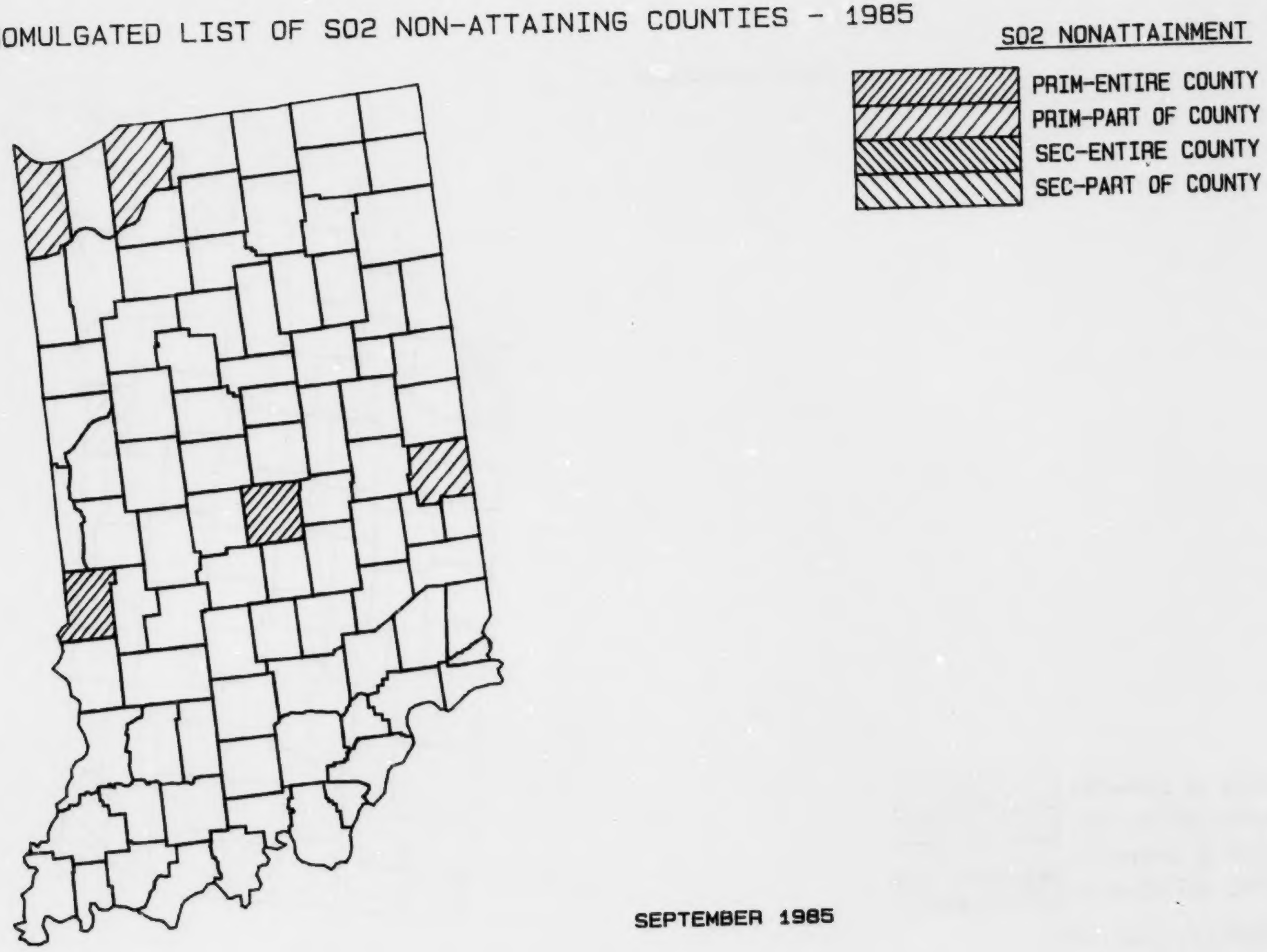
TSP NONATTAINMENT

- ▨ PRIM-ENTIRE COUNTY
- ▨ PRIM-PART OF COUNTY
- ▨ SEC-ENTIRE COUNTY
- ▨ SEC-PART OF COUNTY

SEPTEMBER 1985

INDIANA

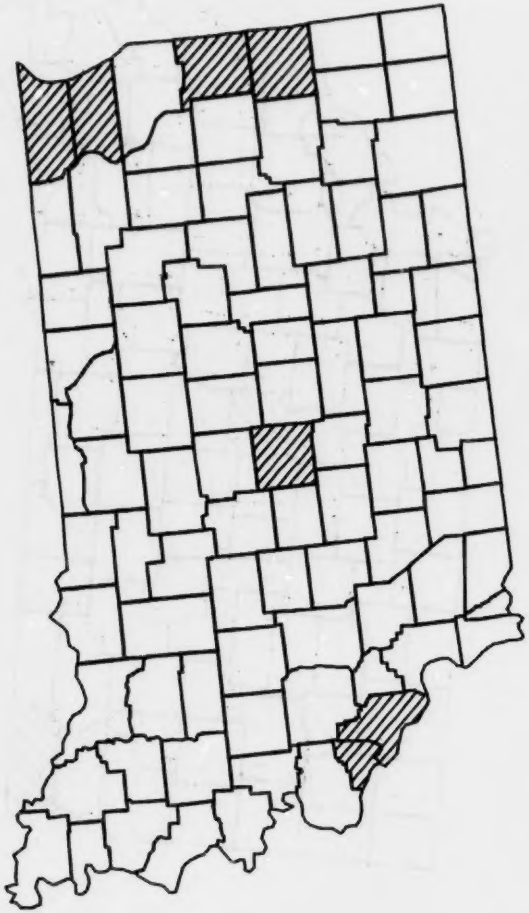
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

INDIANA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985



OX NONATTAINMENT

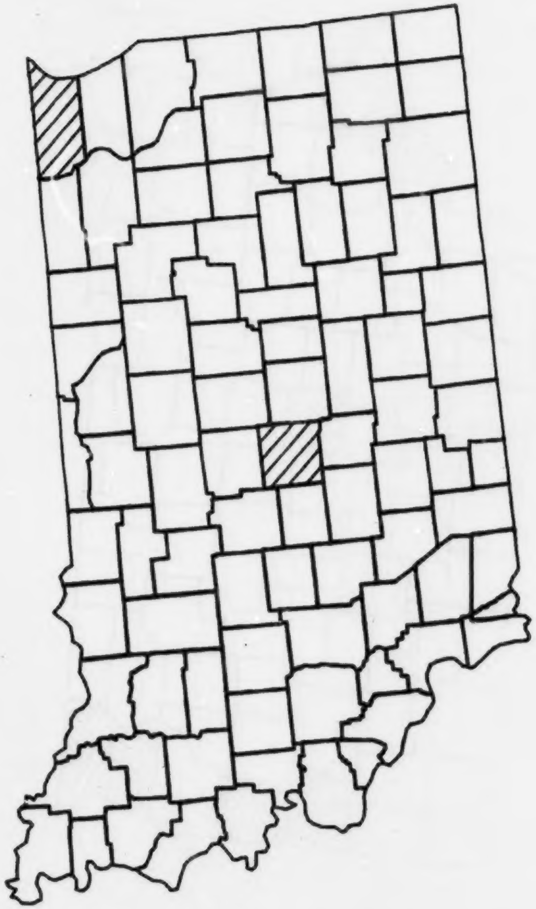
▨ PRIM-ENTIRE COUNTY

▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

INDIANA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985

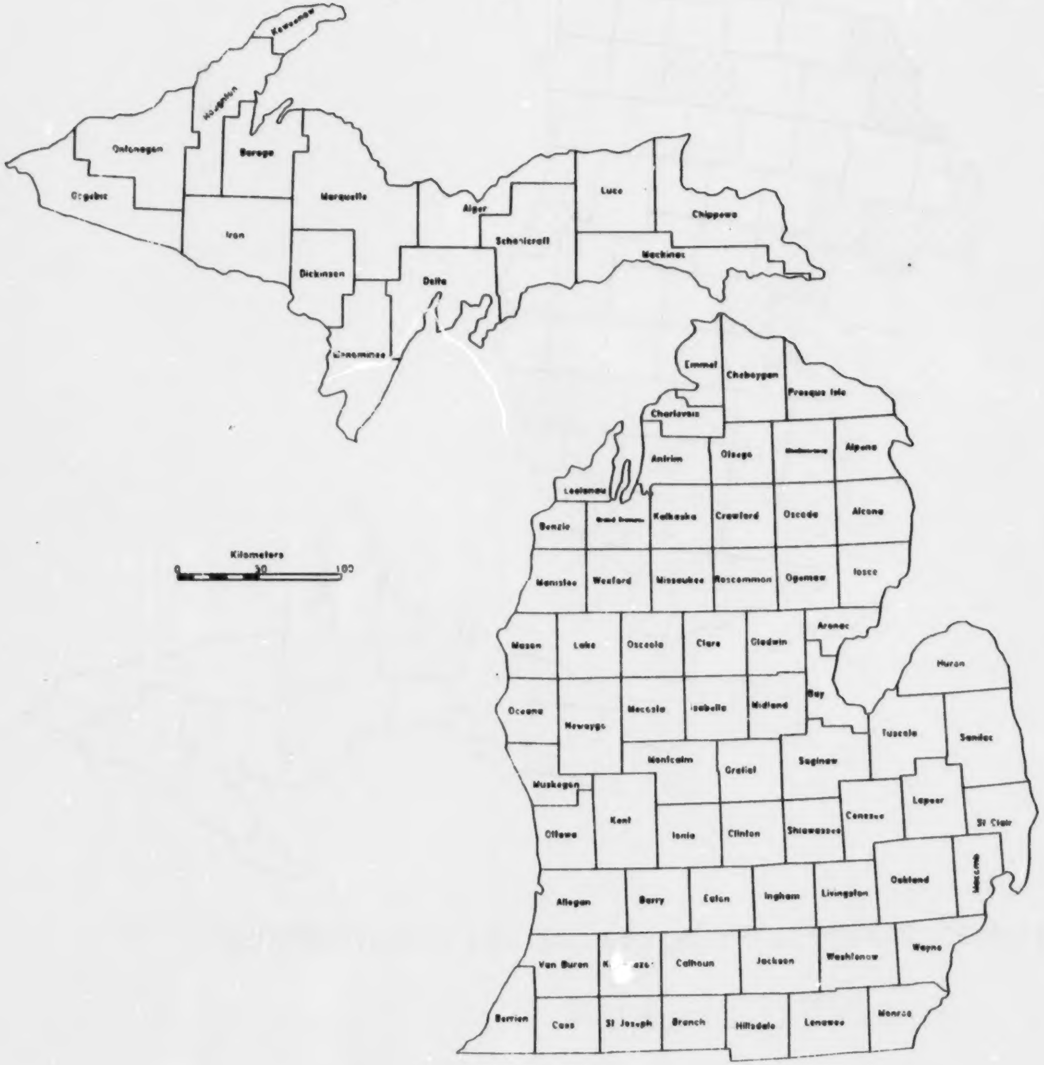


CO NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

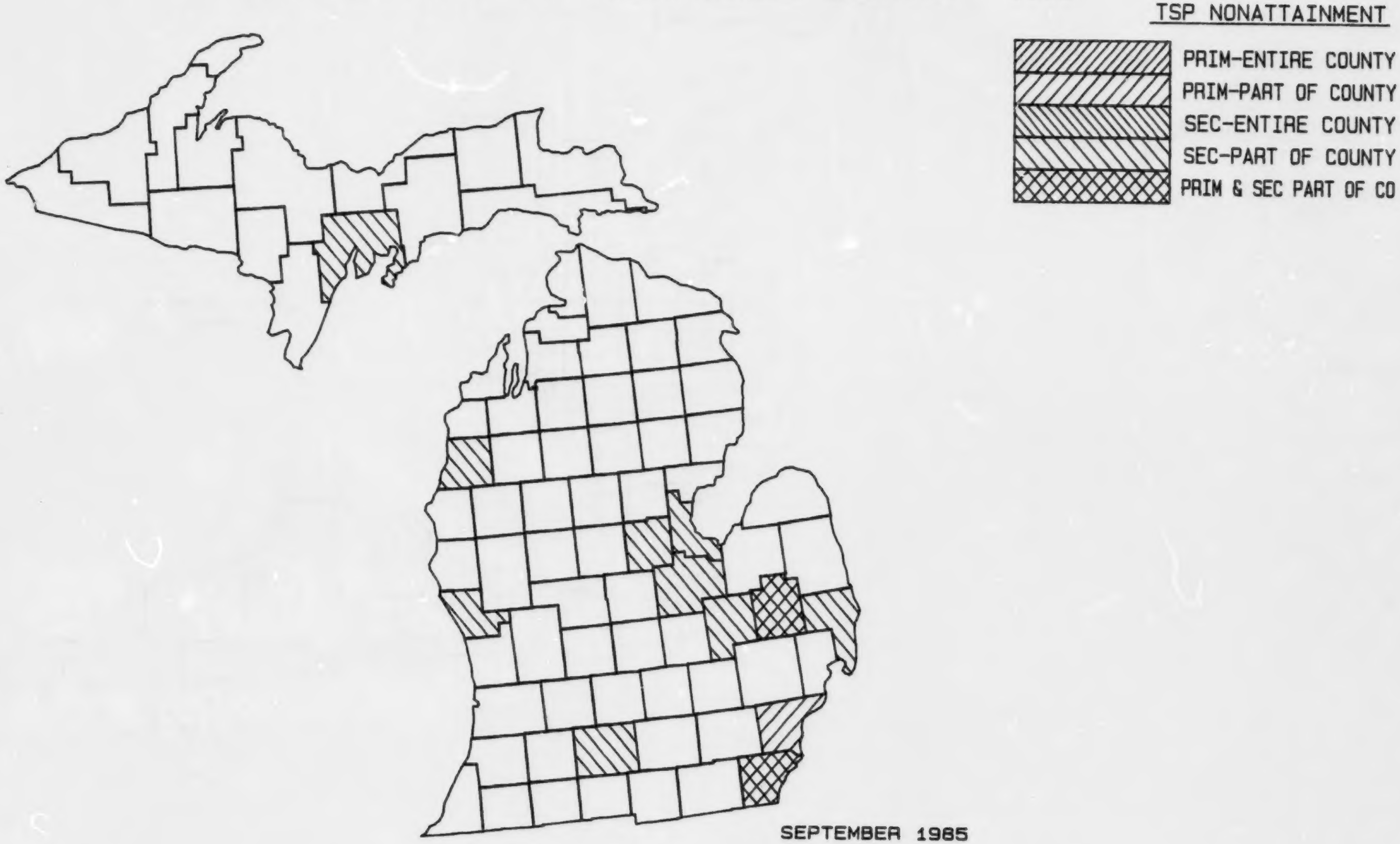
SEPTEMBER 1985

MICHIGAN


Keweenaw
Houghton
Ontonagon
Gogebic
Baraga
Iron
Marquette
Dickinson
Menominee
Delta
Alger
Schoolcraft
Luce
Chippewa
Mackinac
Emmet
Cheboygan
Presque Isle
Charlevoix
Antrim
Otsego
Montmorency
Alpena
Leelanau
Benzie
Grand Traverse
Kalkaska
Crawford
Oscoda
Alcona
Manistee
Wexford
Missaukee
Roscommon
Ogemaw
Iosco
Arenac
Mason
Lake
Osceola
Clare
Gladwin
Huron
Oceana
Newaygo
Mecosta
Isabella
Midland
Bay
Tuscola
Sanilac
Muskegon
Montcalm
Gratiot
Saginaw
Lapeer
Ottawa
Kent
Ionia
Clinton
Shiawassee
Genesee
St Clair
Allegan
Barry
Eaton
Ingham
Livingston
Oakland
Macomb
Van Buren
Kalamazoo
Calhoun
Jackson
Washtenaw
Wayne
Berrien
Cass
St Joseph
Branch
Hillsdale
Lenawee
Monroe
Kilometers
0
50
100

MICHIGAN

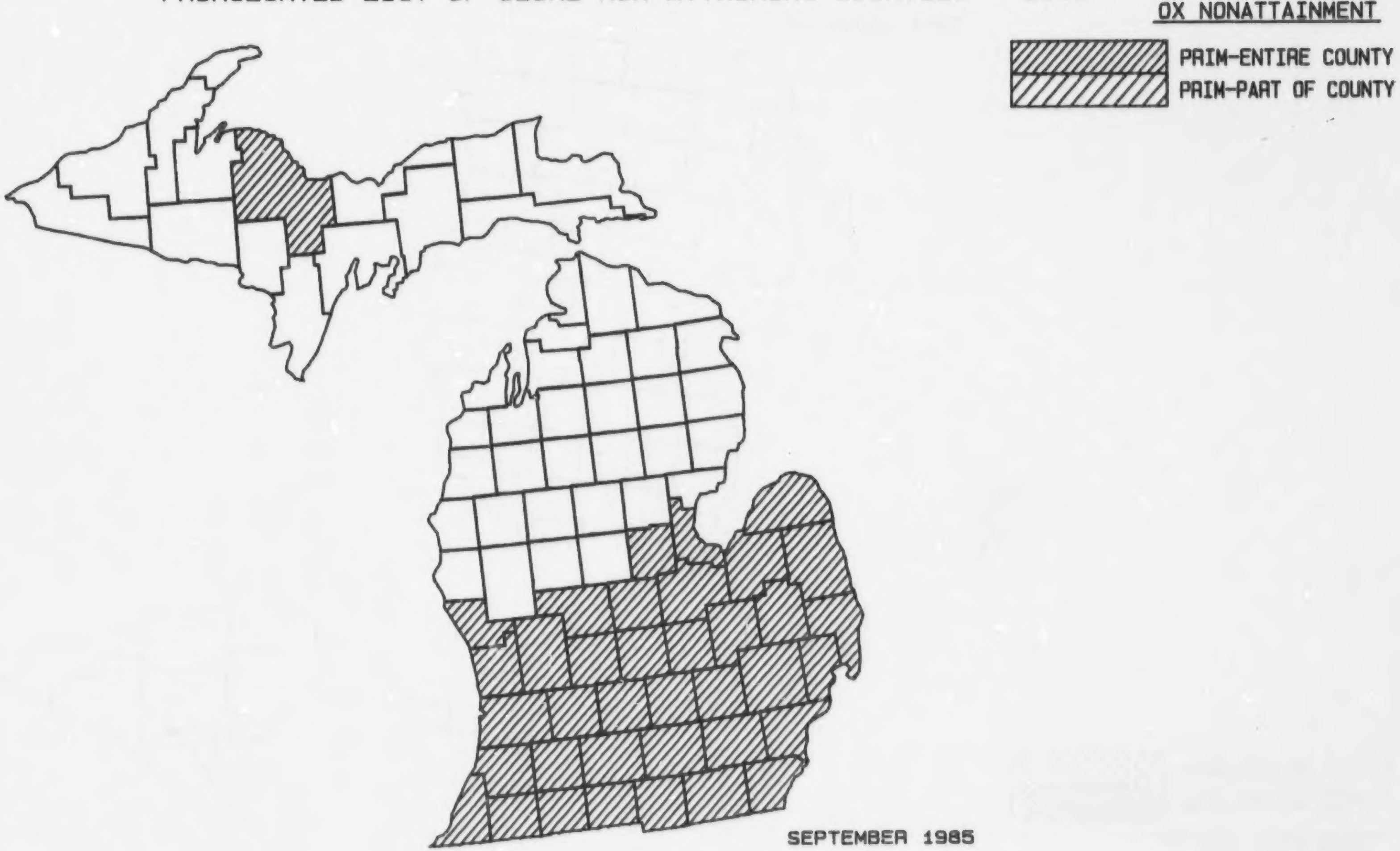
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

MICHIGAN

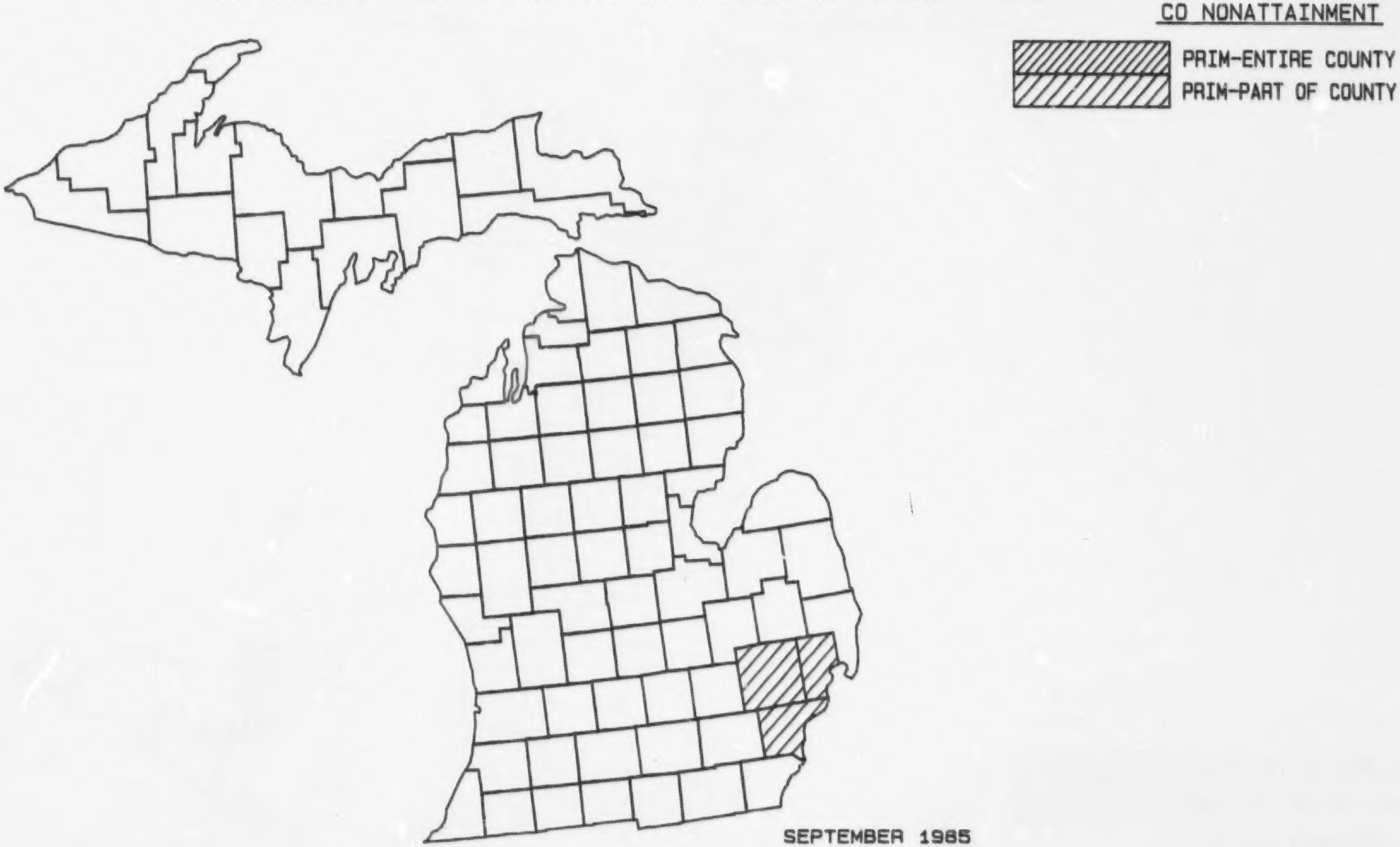
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

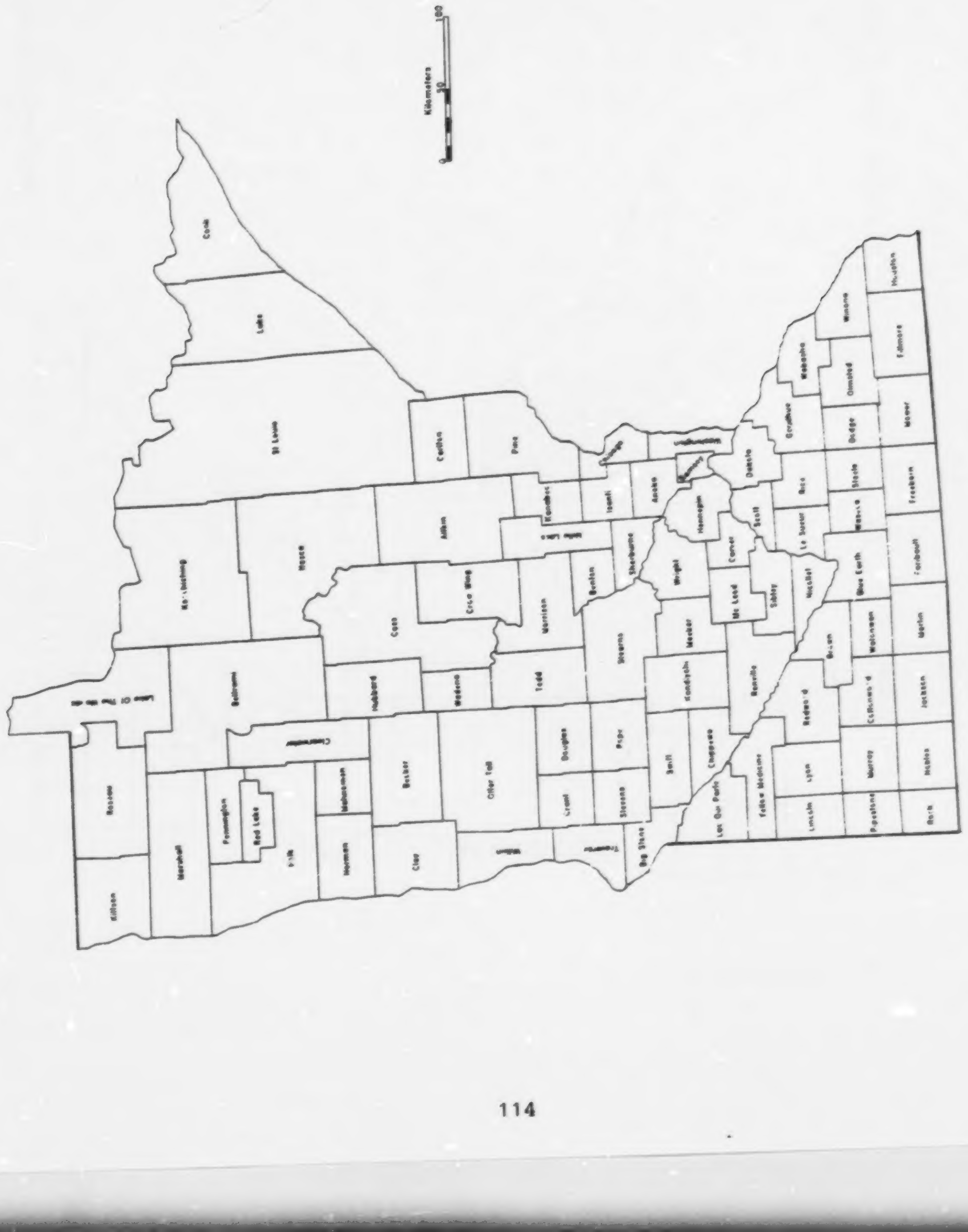
MICHIGAN

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

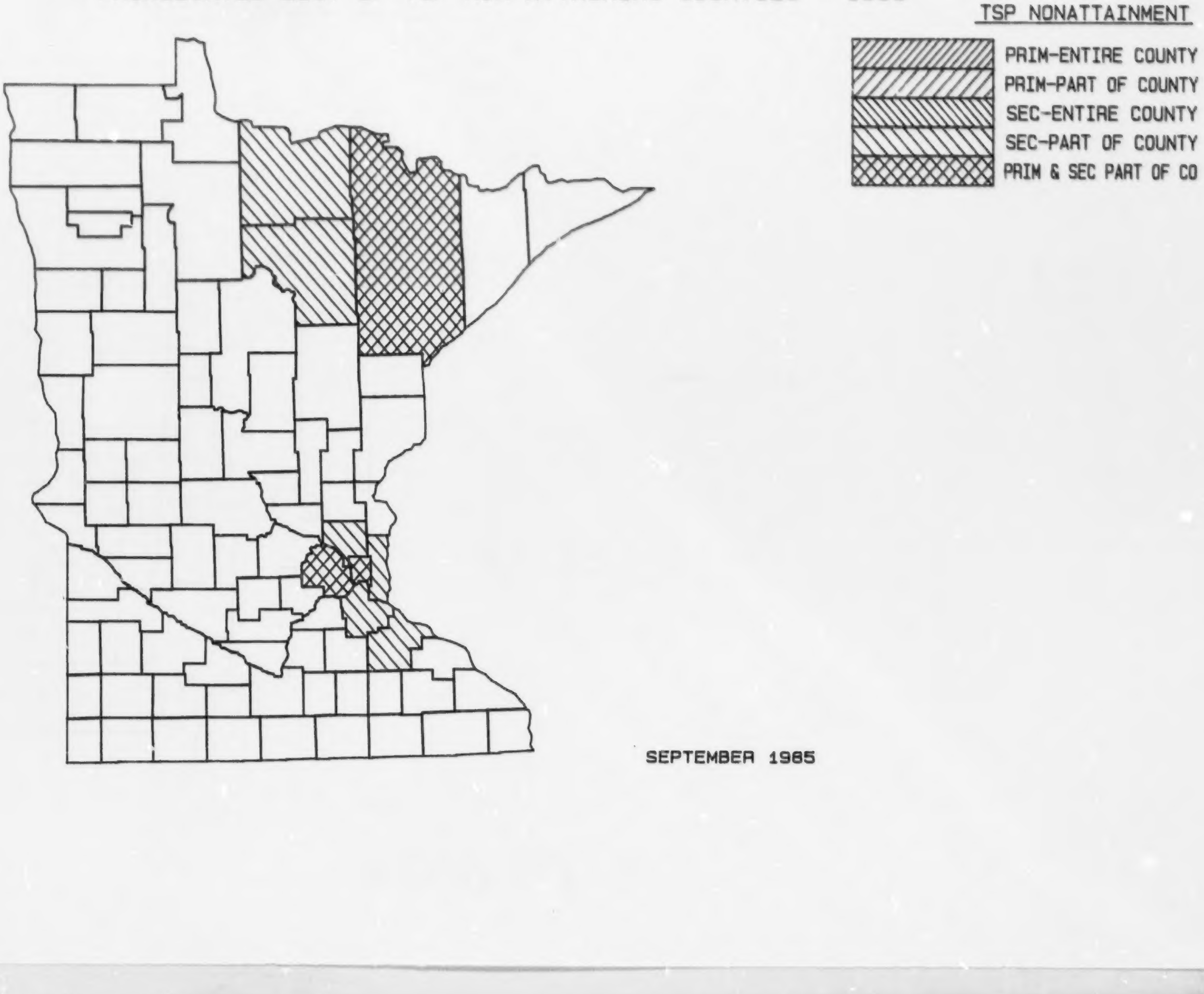
MINNESOTA



Kilometers
0
50
100
Cook
Lake
St Louis
Carlton
Pine
Koochiching
Itasca
Aitkin
Kanabec
Chisago
Washington
Isanti
Anoka
Ramsey
Mille Lacs
Cass
Crow Wing
Morrison
Benton
Sherburne
Hennepin
Dakota
Goodhue
Wabasha
Winona
Houston
Lake Of The Woods
Beltrami
Hubbard
Wadena
Todd
Stearns
Wright
Carver
Scott
Le Sueur
Rice
Olmsted
Fillmore
Clearwater
Becker
Otter Tail
Douglas
Pope
Kandiyohi
Meeker
Mc Leod
Sibley
Nicollet
Blue Earth
Waseca
Steele
Dodge
Mower
Freeborn
Faribault
Martin
Watonwan
Brown
Renville
Redwood
Cottonwood
Jackson
Roseau
Kittson
Marshall
Pennington
Red Lake
Polk
Mahnomen
Norman
Clay
Wilkin
Traverse
Grant
Stevens
Big Stone
Swift
Chippewa
Lac Qui Parle
Yellow Medicine
Lyon
Murray
Nobles
Lincoln
Pipestone
Rock

MINNESOTA

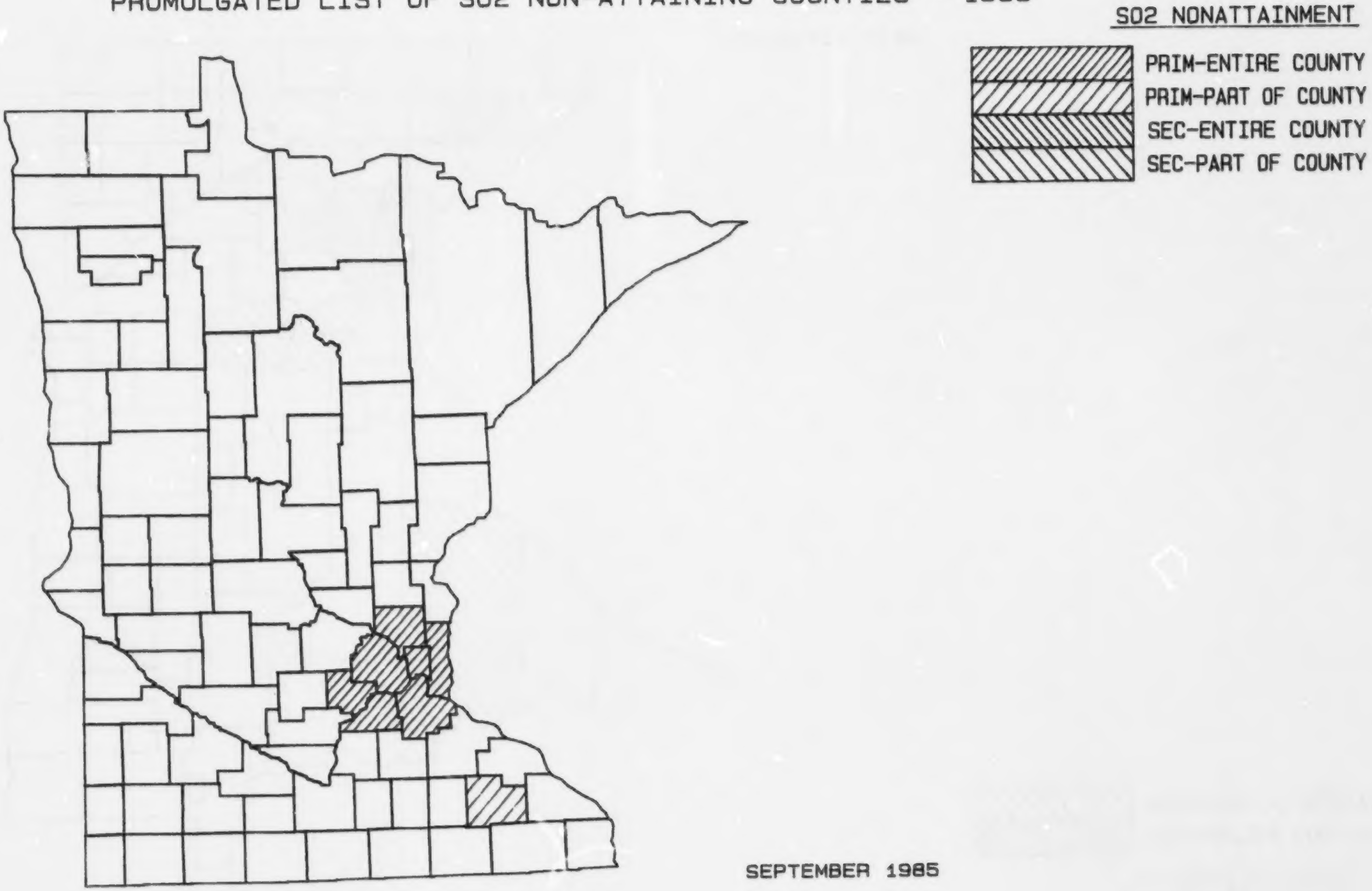
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

MINNESOTA

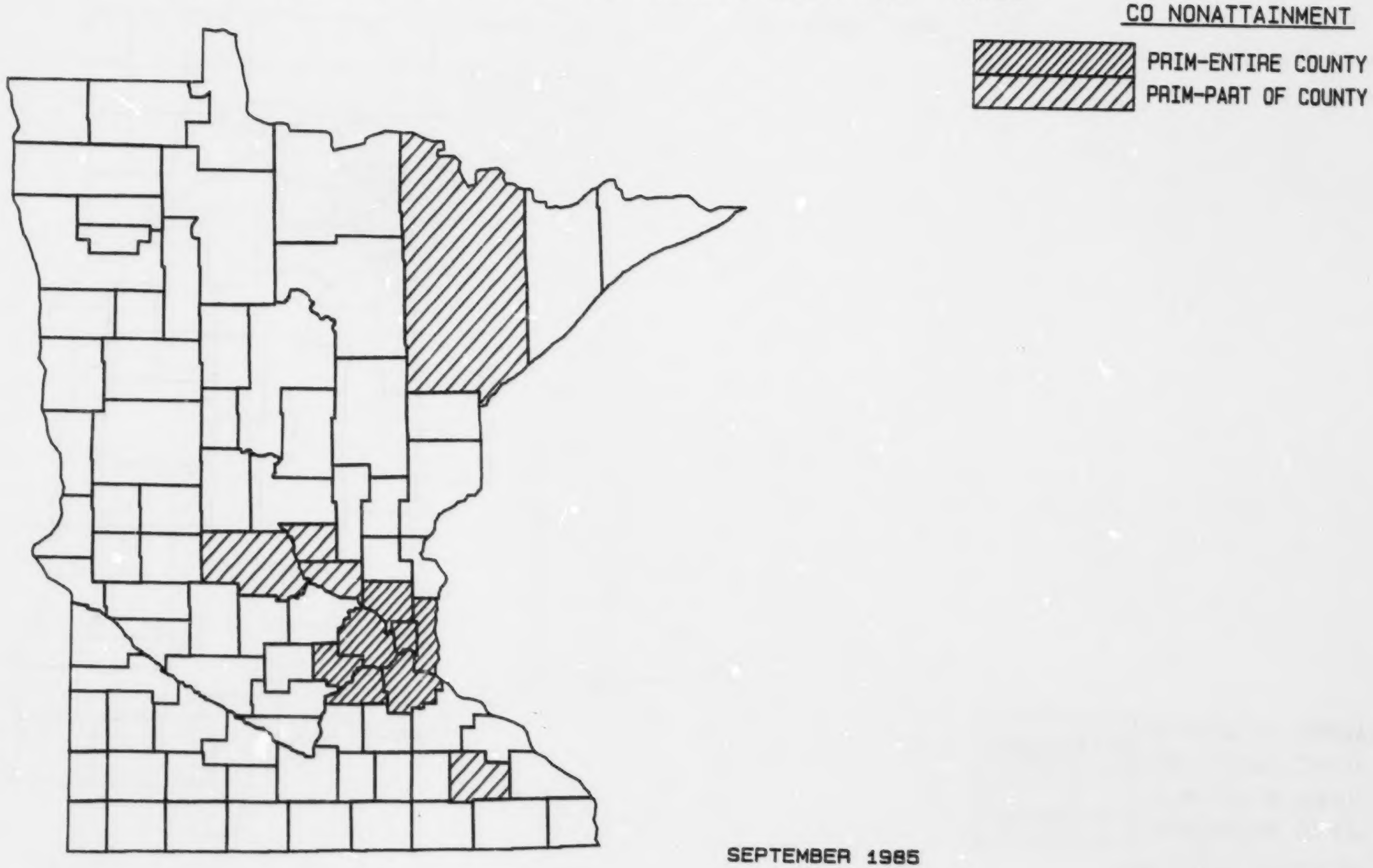
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

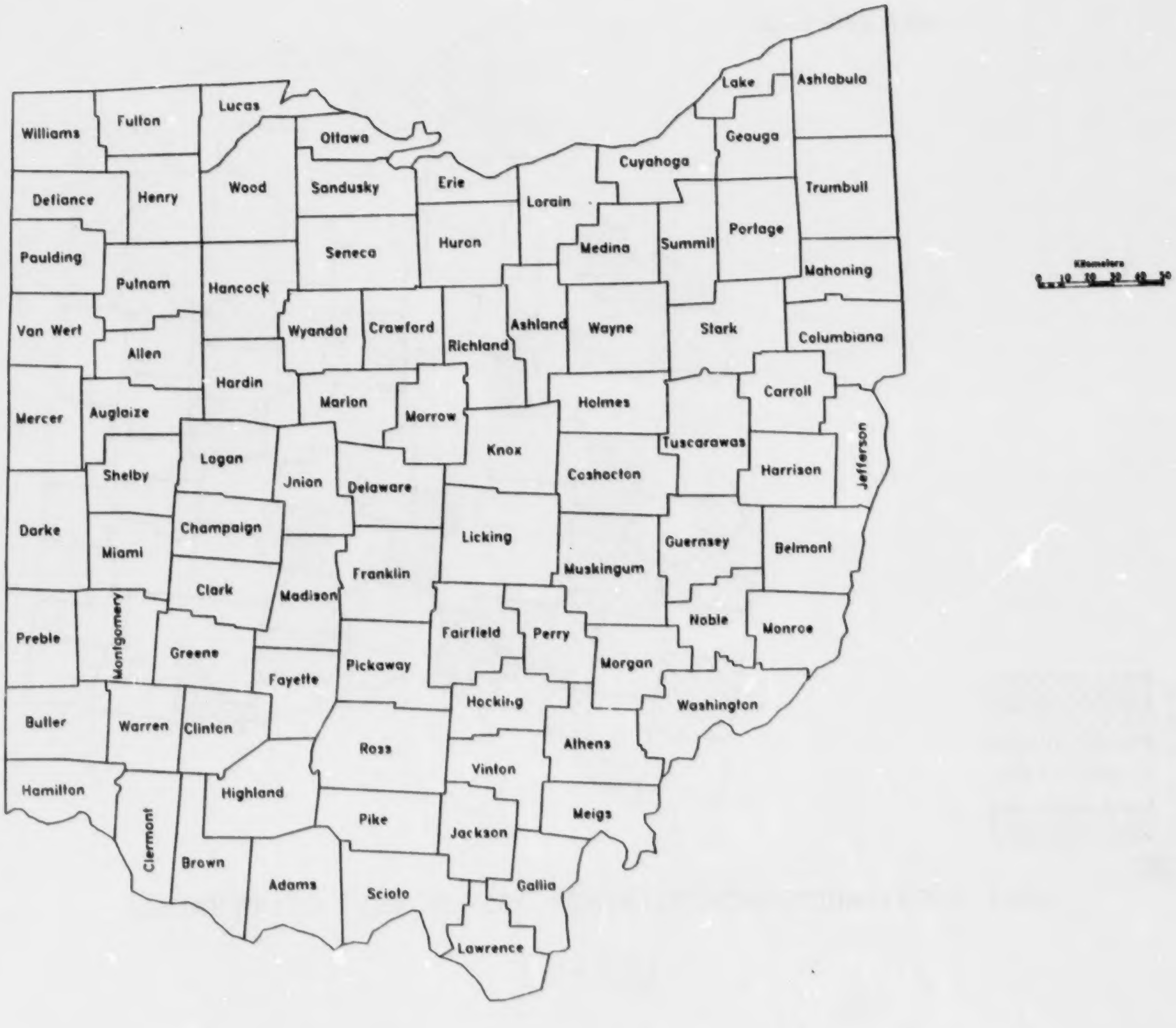
MINNESOTA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

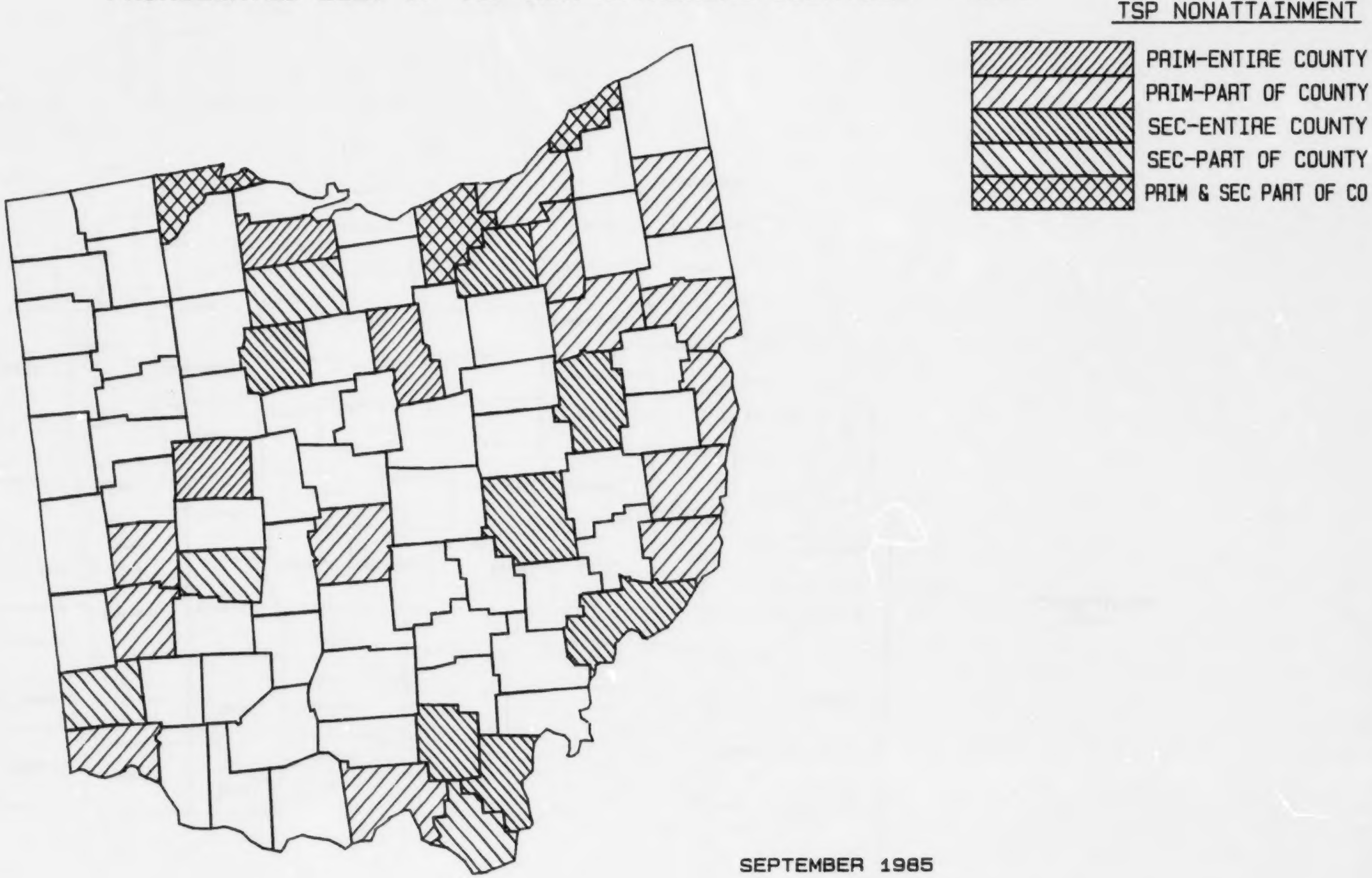
SEPTEMBER 1985

OHIO


Williams
Fulton
Lucas
Ottawa
Erie
Lorain
Cuyahoga
Lake
Ashtabula
Geauga
Defiance
Henry
Wood
Sandusky
Seneca
Huron
Medina
Summit
Portage
Trumbull
Paulding
Putnam
Hancock
Mahoning
Van Wert
Allen
Wyandot
Crawford
Richland
Ashland
Wayne
Stark
Columbiana
Mercer
Auglaize
Hardin
Marion
Morrow
Holmes
Carroll
Knox
Tuscarawas
Jefferson
Logan
Shelby
Union
Delaware
Coshocton
Harrison
Darke
Miami
Champaign
Licking
Guernsey
Belmont
Clark
Franklin
Muskingum
Madison
Preble
Montgomery
Greene
Fairfield
Perry
Noble
Monroe
Pickaway
Morgan
Fayette
Hocking
Washington
Butler
Warren
Clinton
Ross
Athens
Vinton
Hamilton
Highland
Pike
Jackson
Meigs
Clermont
Brown
Adams
Scioto
Gallia
Lawrence
Kilometers
0 10 20 30 40 50

OHIO

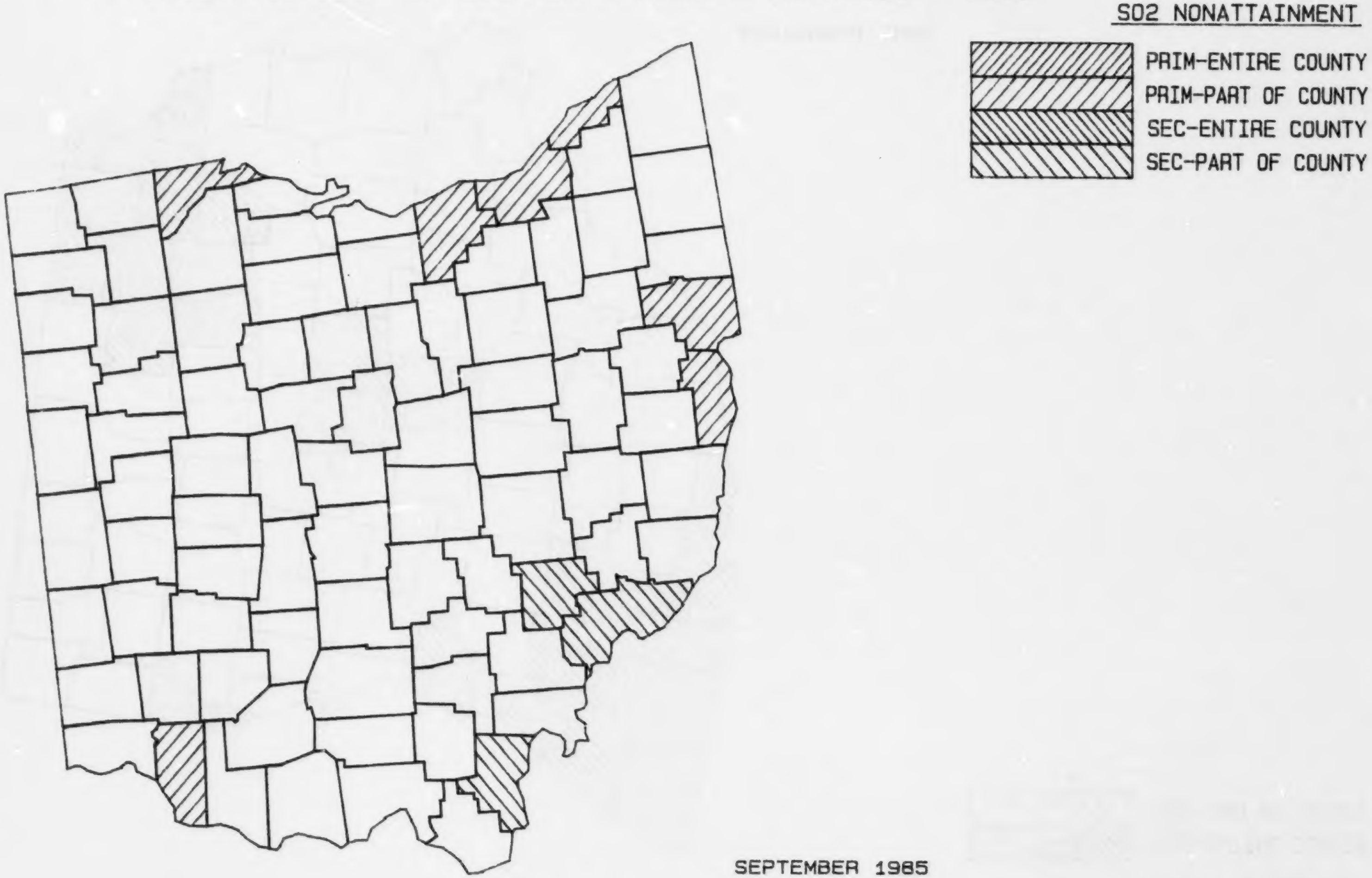
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

OHIO

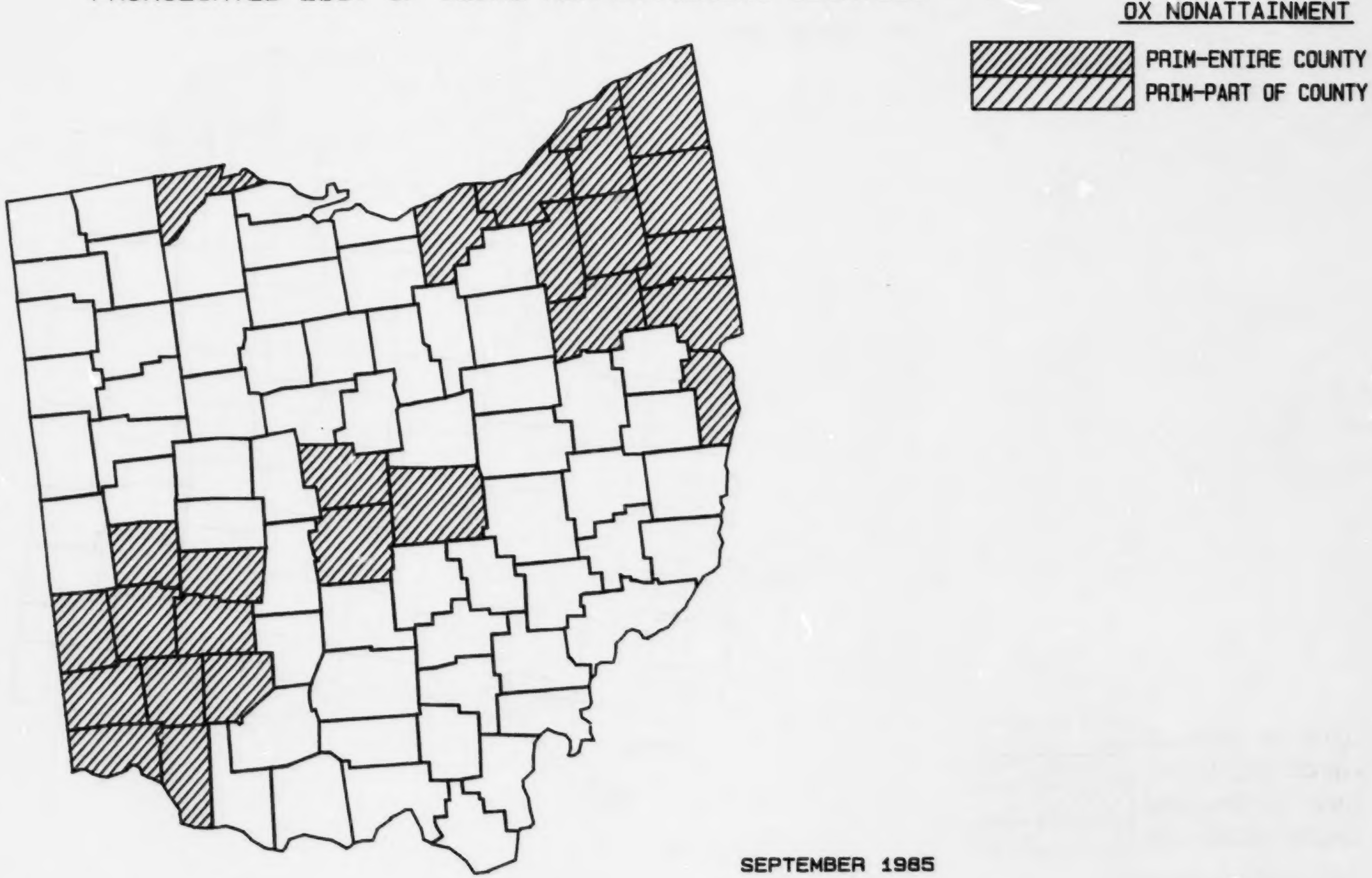
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

OHIO

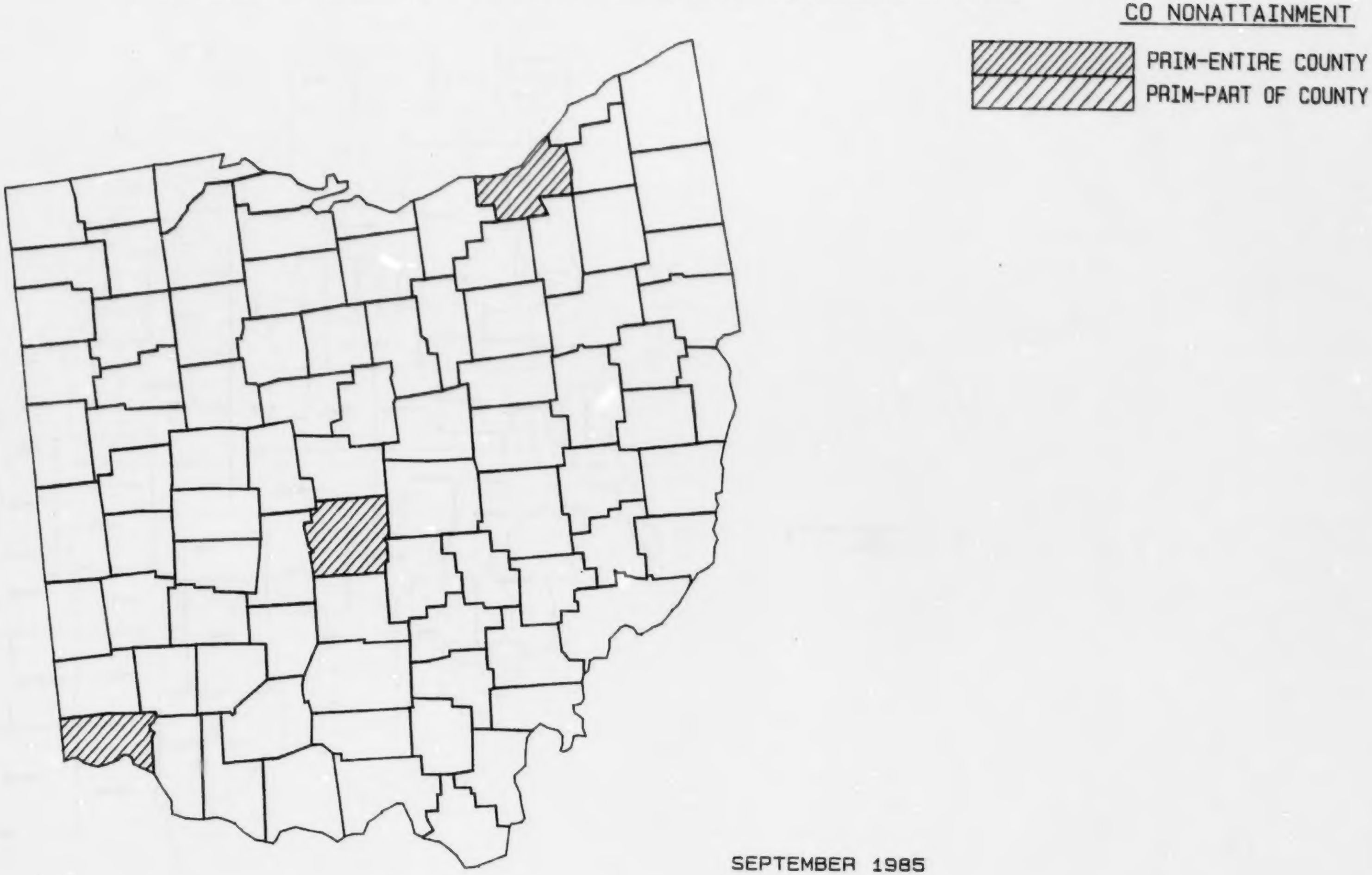
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

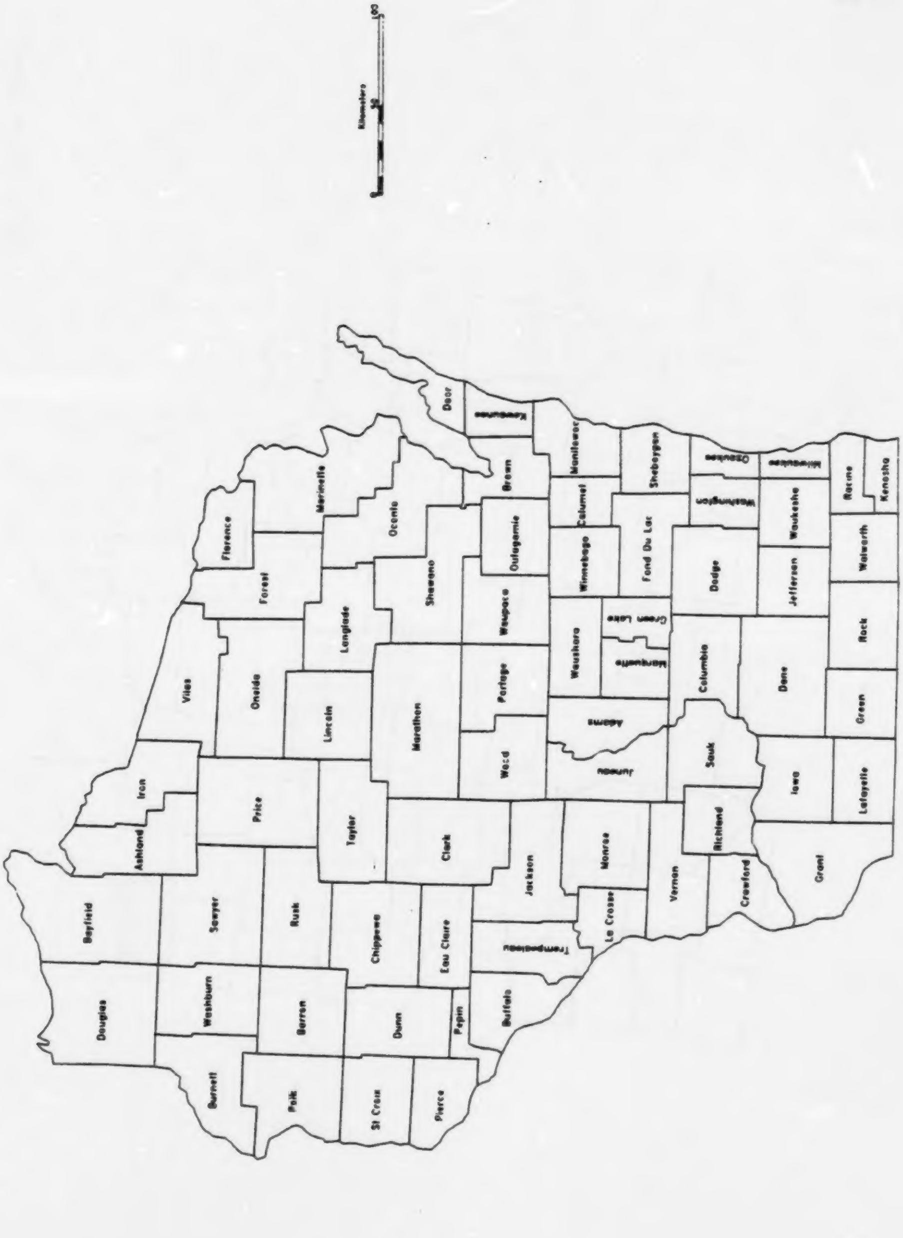
OHIO

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

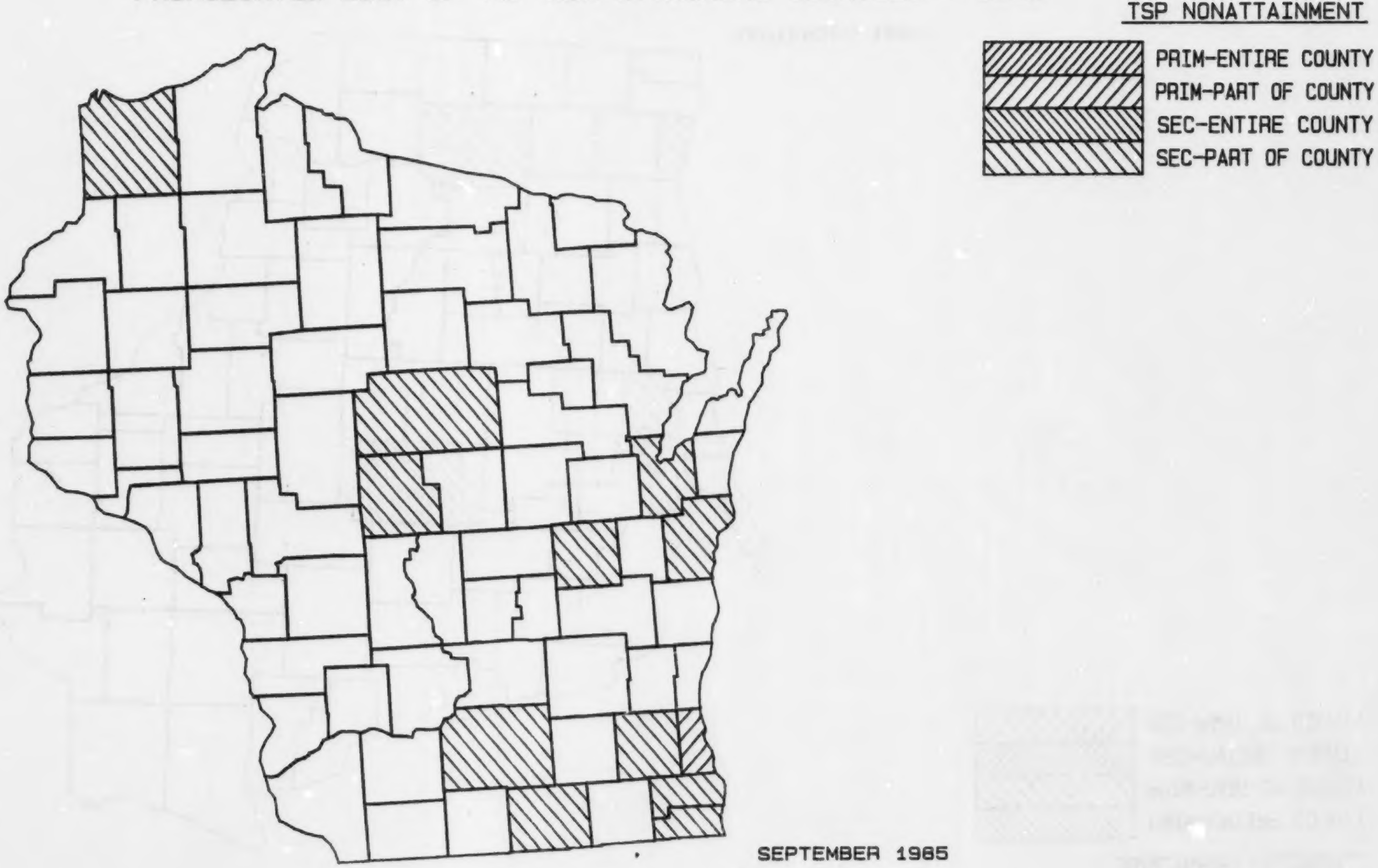
WISCONSIN



0
50
100
Kilometers
Douglas
Bayfield
Ashland
Iron
Vilas
Florence
Marinette
Forest
Oneida
Price
Sawyer
Washburn
Burnett
Polk
Barron
Rusk
Taylor
Lincoln
Langlade
Oconto
Door
Kewaunee
Brown
Shawano
Marathon
Clark
Chippewa
Dunn
St Croix
Pierce
Pepin
Eau Claire
Buffalo
Trempealeau
Jackson
Wood
Portage
Waupaca
Outagamie
Manitowoc
Calumet
Winnebago
Waushara
Adams
Juneau
Monroe
La Crosse
Vernon
Crawford
Richland
Sauk
Columbia
Marquette
Green Lake
Fond Du Lac
Sheboygan
Ozaukee
Washington
Dodge
Jefferson
Waukesha
Milwaukee
Racine
Kenosha
Walworth
Rock
Green
Dane
Iowa
Lafayette
Grant

WISCONSIN

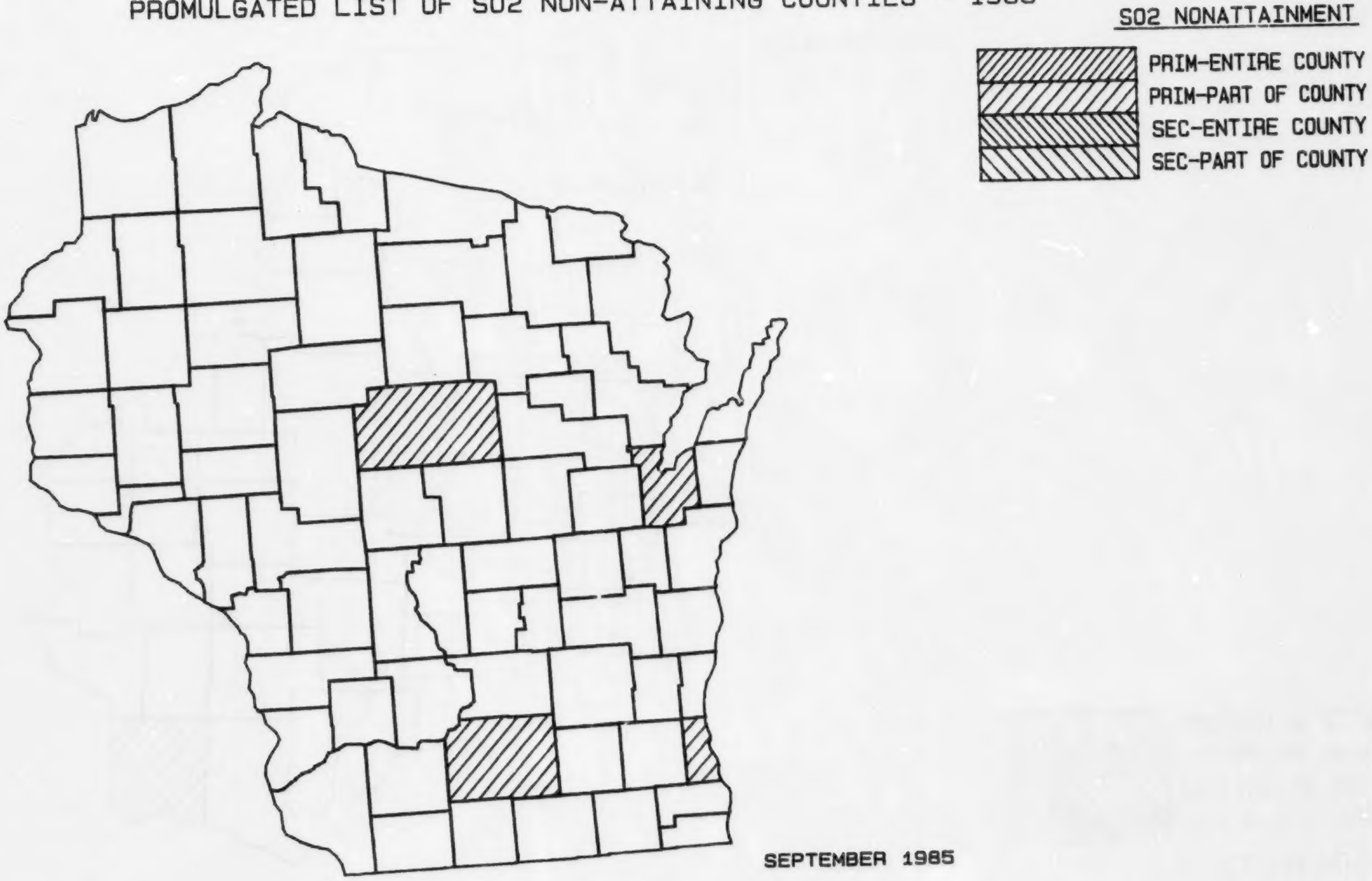
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

WISCONSIN

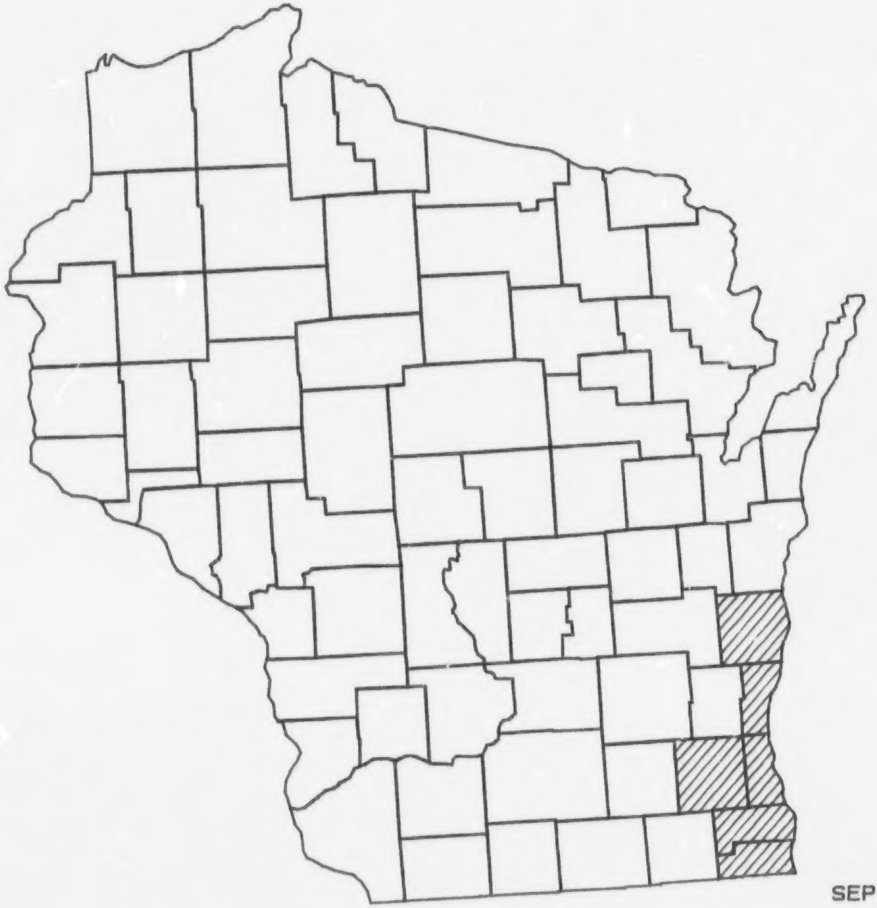
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

WISCONSIN

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985



OX NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

Region VI

Arkansas, Louisiana, New Mexico, Oklahoma, Texas

Air Programs Branch
EPA Region VI
First International Building
1201 Elm Street
Dallas, Texas 75270
(214) 767-8950

AS OF SEPTEMBER 1985

ALL COUNTIES MEET THE NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
ARKANSAS

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
LOUISIANA

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
ASCENSION PAR	50068							W
BEAUREGARD PAR	29692							W
BOSSIER PAR	80721							W
CADDO PAR	252358							W
CALCASIEU PAR	167223							W
EAST BATON ROUGE PAR	366191							W
GRANT PAR	16703							W
IBERVILLE PAR	32159							W
JEFFERSON PAR	454592							W
LAFAYETTE PAR	150017							W
LAFOURCHE PAR	82483							W
ORLEANS PAR	557927							W
POINTE COUPEE PAR	24045							W
ST BERNARD PAR	64097							W
ST CHARLES PAR	37259							W
ST JAMES PAR	21495							W
ST JOHN THE BAPTIST PAR	31924							W
ST MARY PAR	64253							W
WEST BATON ROUGE PAR	19086							W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NEW MEXICO

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
BERNALILLO CO	419700	P				W		
GRANT CO	26204	P		P	P			

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR OKLAHOMA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
MAYES CO	32261	P						
OKLAHOMA CO	568933	P						
TULSA CO	470593	P				P		W

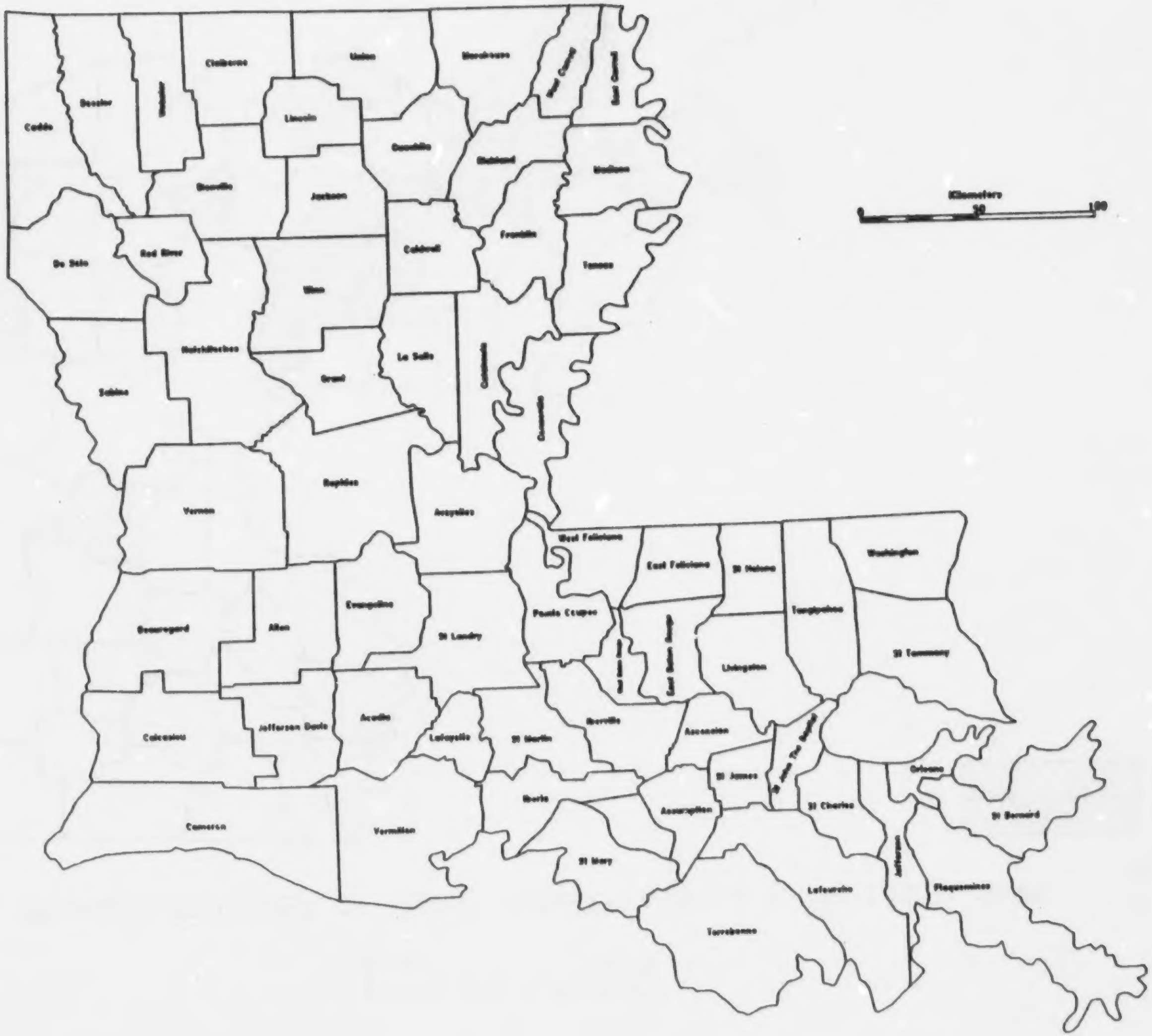
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR TEXAS

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
BRAZORIA CO	169587							W
CAMERON CO	209727	P						
DALLAS CO	1556390							W
EL PASO CO	479899	P				P		W
GALVESTON CO	195940							W
GREGG CO	99495							W
HARRIS CO	2409547	P	P					W
JEFFERSON CO	250938							W
NUECES CO	268215	P						W
ORANGE CO	83838							W
TARRANT CO	860880							W
VICTORIA CO	68807							W

P = PART OF THE COUNTY

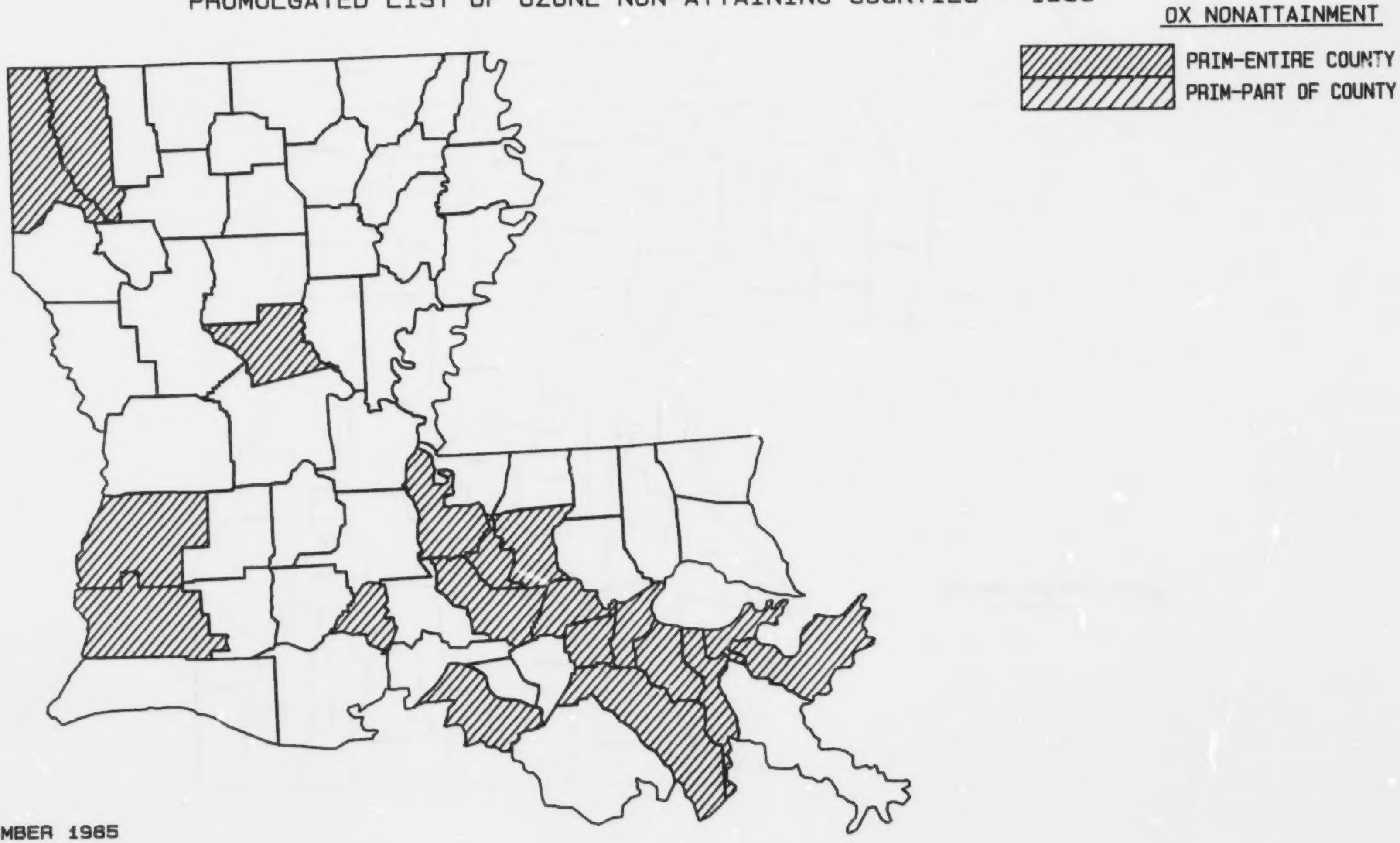
W = THE WHOLE COUNTY

LOUISIANA


Kilometers
0
50
100
Caddo
Bossier
Webster
Claiborne
Union
Morehouse
West Carroll
East Carroll
Lincoln
Ouachita
Richland
Madison
Bienville
Jackson
De Soto
Red River
Caldwell
Franklin
Tensas
Winn
Natchitoches
La Salle
Catahoula
Concordia
Grant
Sabine
Rapides
Vernon
Avoyelles
West Feliciana
East Feliciana
St Helena
Washington
Pointe Coupee
Tangipahoa
Beauregard
Allen
Evangeline
St Landry
St Tammany
West Baton Rouge
East Baton Rouge
Livingston
Calcasieu
Jefferson Davis
Acadia
Lafayette
St Martin
Iberville
Ascension
St John The Baptist
Orleans
St James
Iberia
Assumption
St Charles
St Bernard
Cameron
Vermilion
St Mary
Lafourche
Jefferson
Plaquemines
Terrebonne

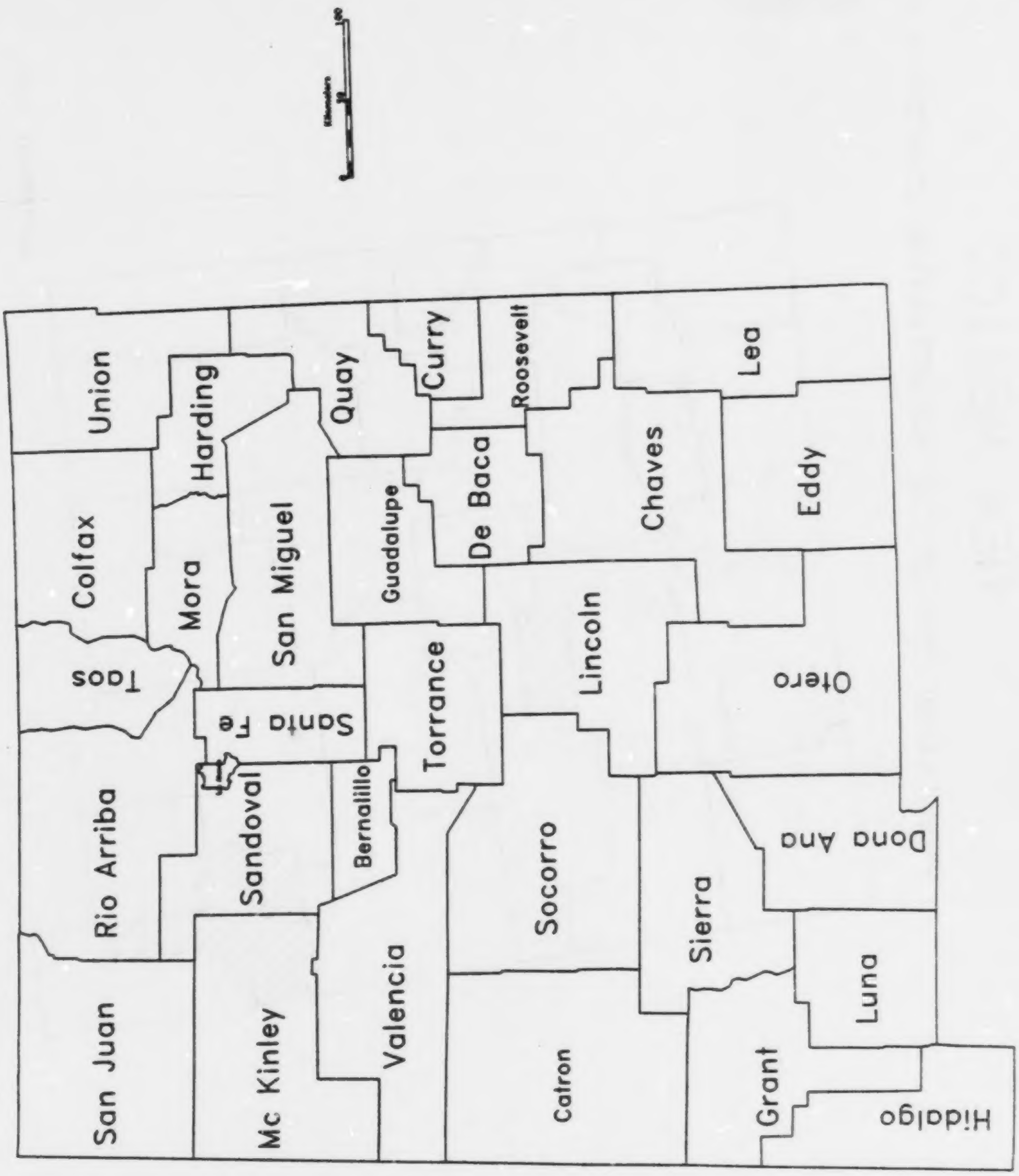
LOUISIANA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

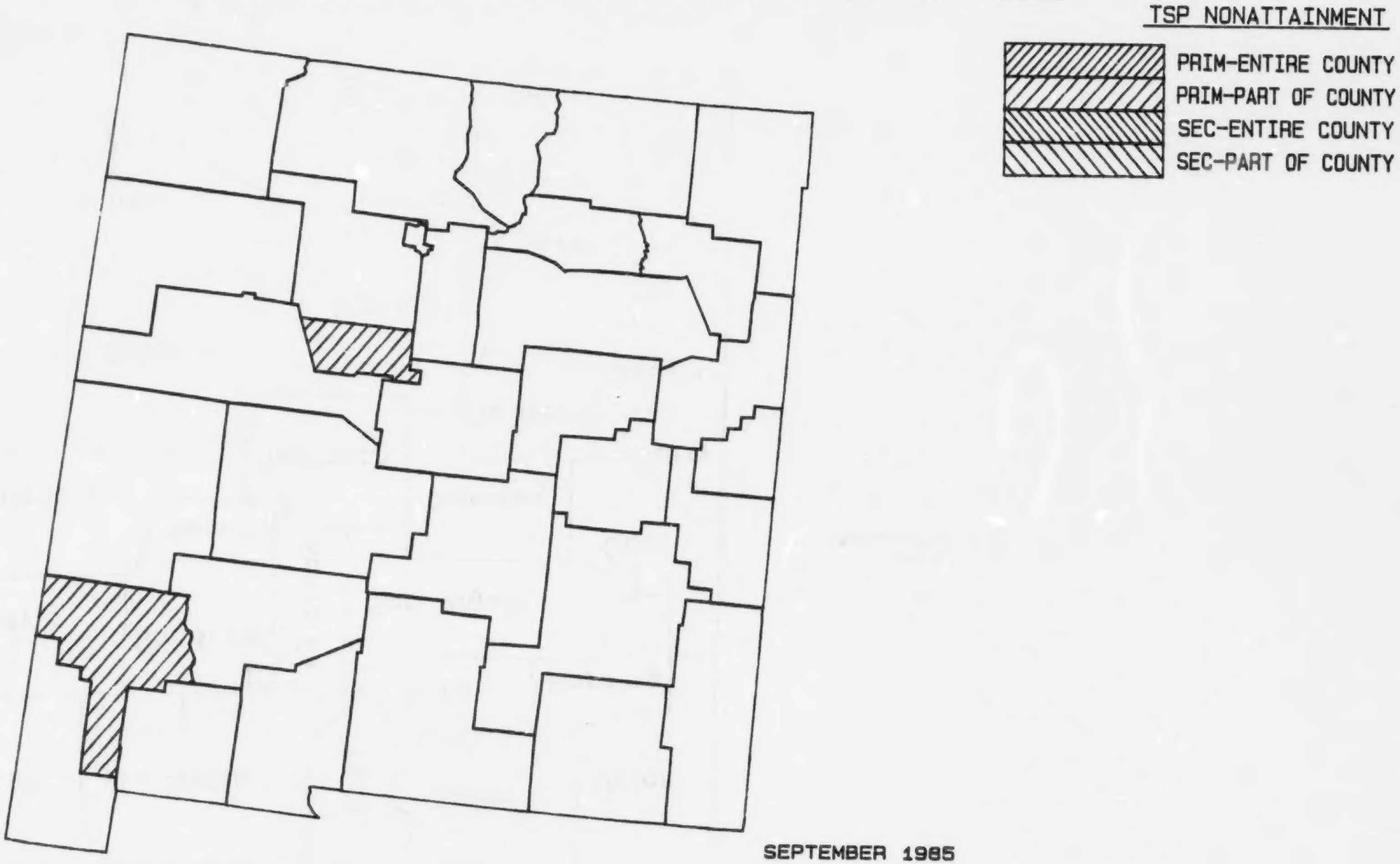
SEPTEMBER 1985

NEW MEXICO


Kilometers
0
50
100
Union
Harding
Quay
Curry
Roosevelt
Lea
Colfax
Mora
San Miguel
Guadalupe
De Baca
Chaves
Eddy
Taos
Santa Fe
Torrance
Lincoln
Otero
Rio Arriba
Sandoval
Bernalillo
Socorro
Sierra
Dona Ana
San Juan
Mc Kinley
Valencia
Catron
Grant
Luna
Hidalgo

NEW MEXICO

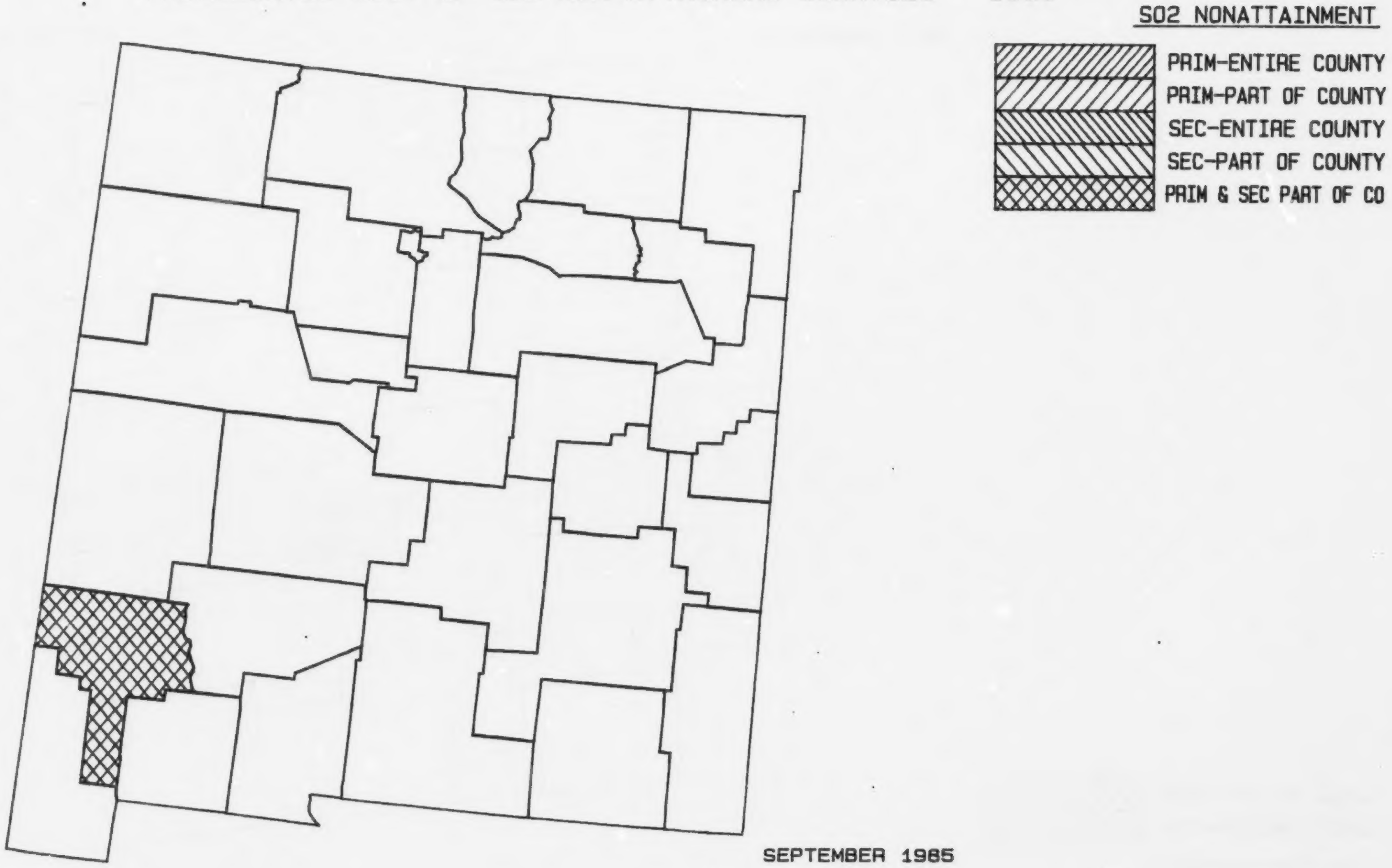
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

NEW MEXICO

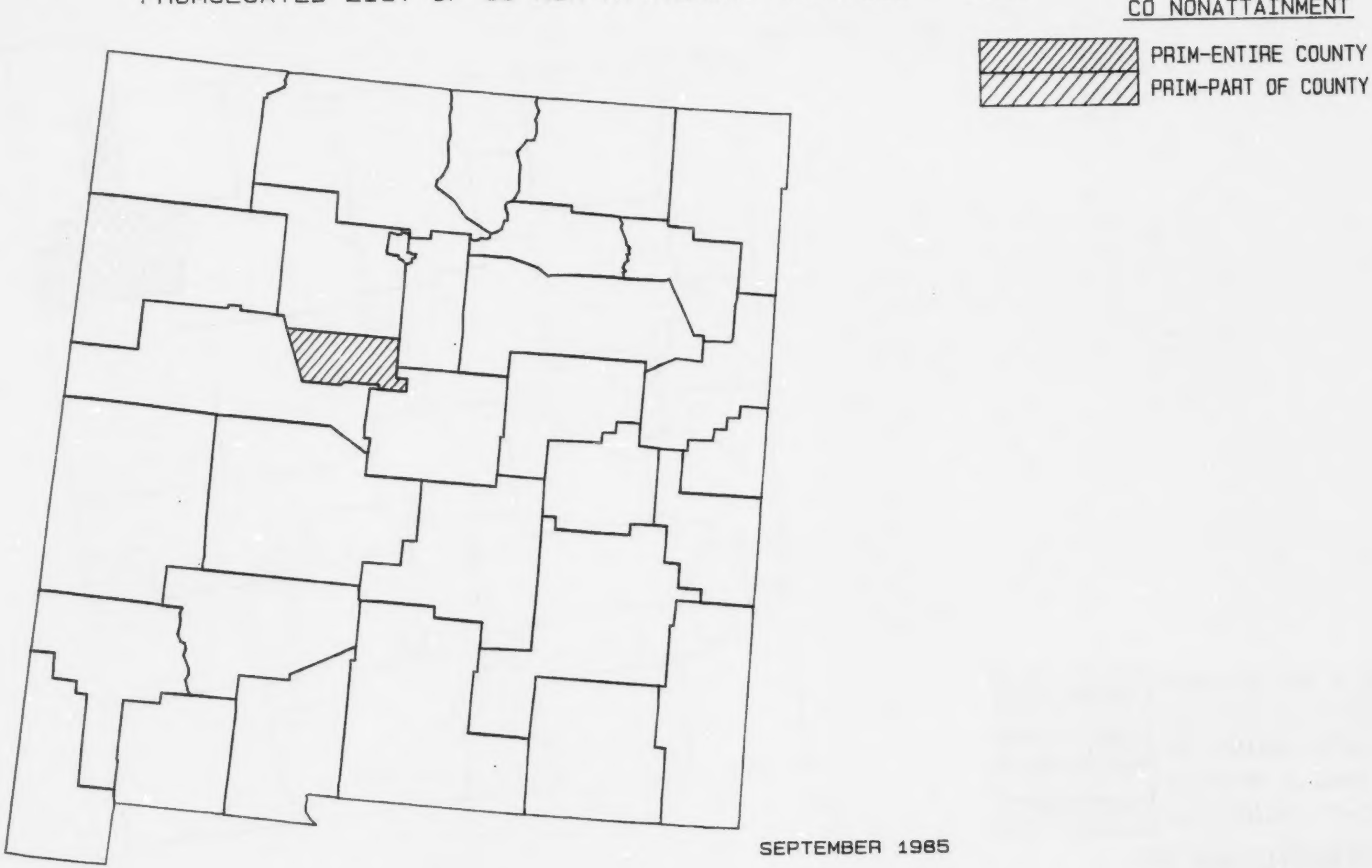
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

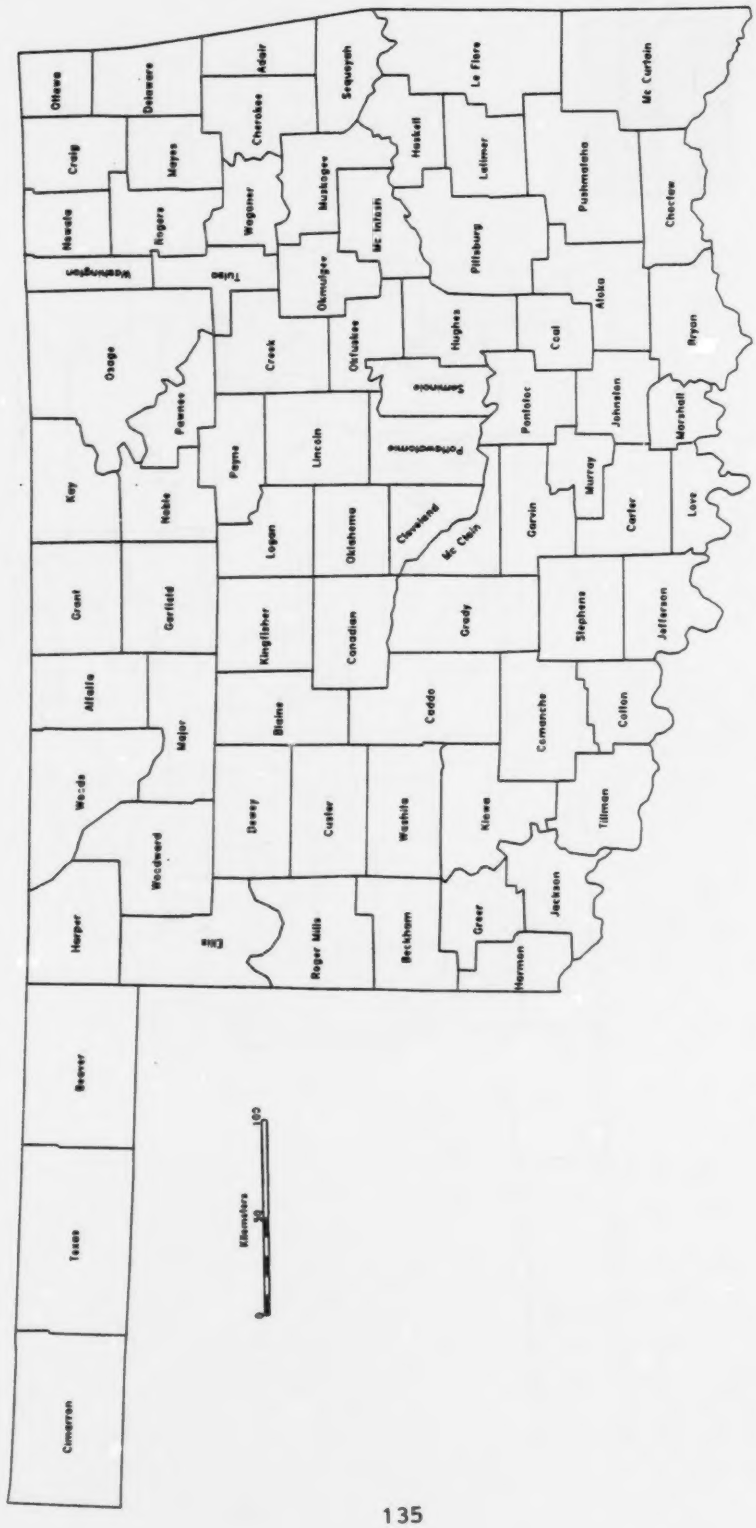
NEW MEXICO

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

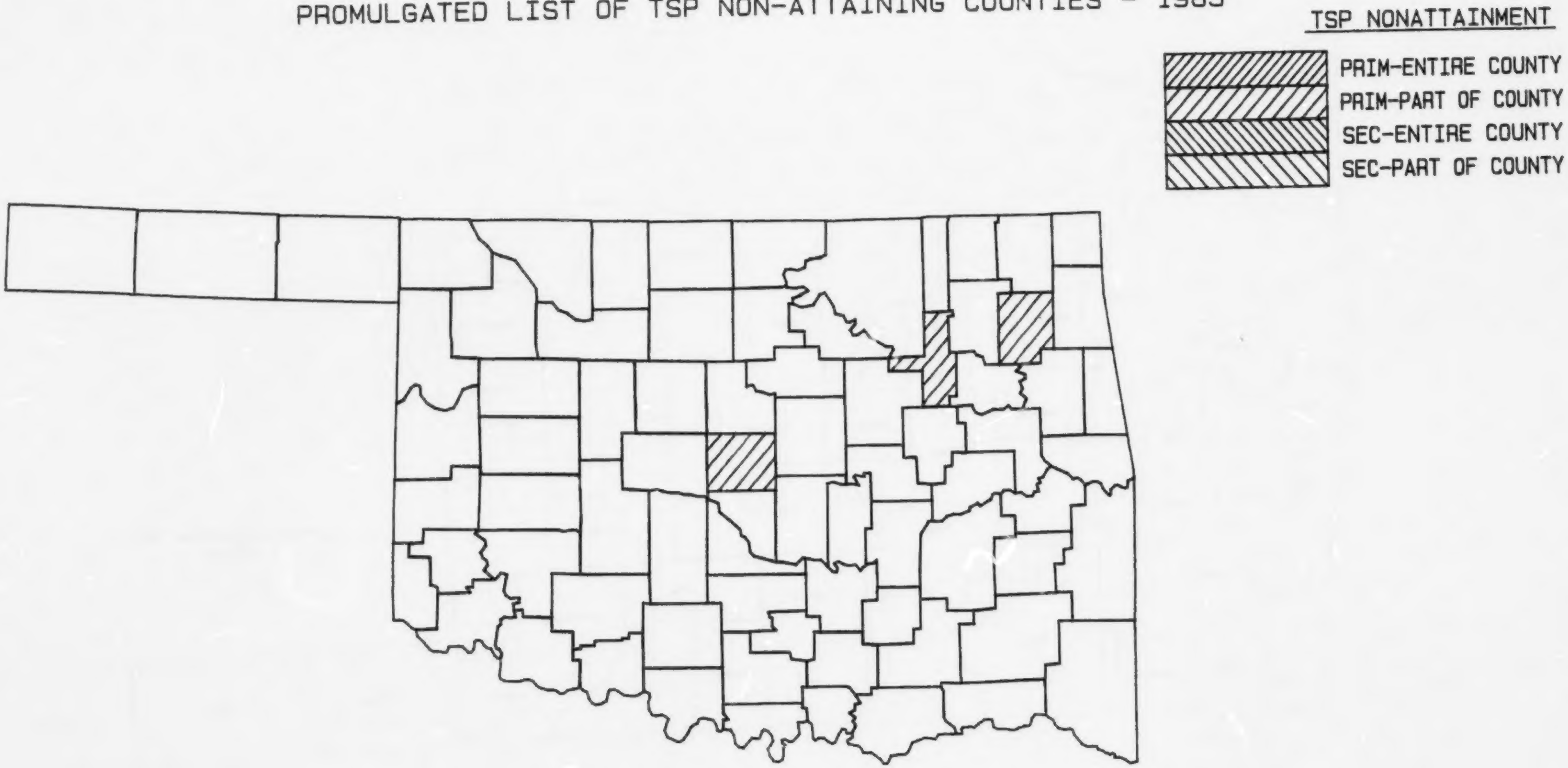
OKLAHOMA



Cimarron
Texas
Beaver
Harper
Ellis
Roger Mills
Beckham
Harmon
Greer
Jackson
Woods
Woodward
Dewey
Custer
Washita
Kiowa
Tillman
Alfalfa
Major
Blaine
Caddo
Comanche
Cotton
Grant
Garfield
Kingfisher
Canadian
Grady
Stephens
Jefferson
Kay
Noble
Logan
Oklahoma
Cleveland
Mc Clain
Garvin
Murray
Carter
Love
Osage
Pawnee
Payne
Lincoln
Pottawatomie
Pontotoc
Johnston
Marshall
Washington
Tulsa
Creek
Okfuskee
Seminole
Hughes
Coal
Atoka
Bryan
Nowata
Rogers
Wagoner
Okmulgee
Mc Intosh
Pittsburg
Pushmataha
Choctaw
Craig
Mayes
Muskogee
Haskell
Latimer
Ottawa
Delaware
Cherokee
Adair
Sequoyah
Le Flore
Mc Curtain
Kilometers
0
50
100

OKLAHOMA

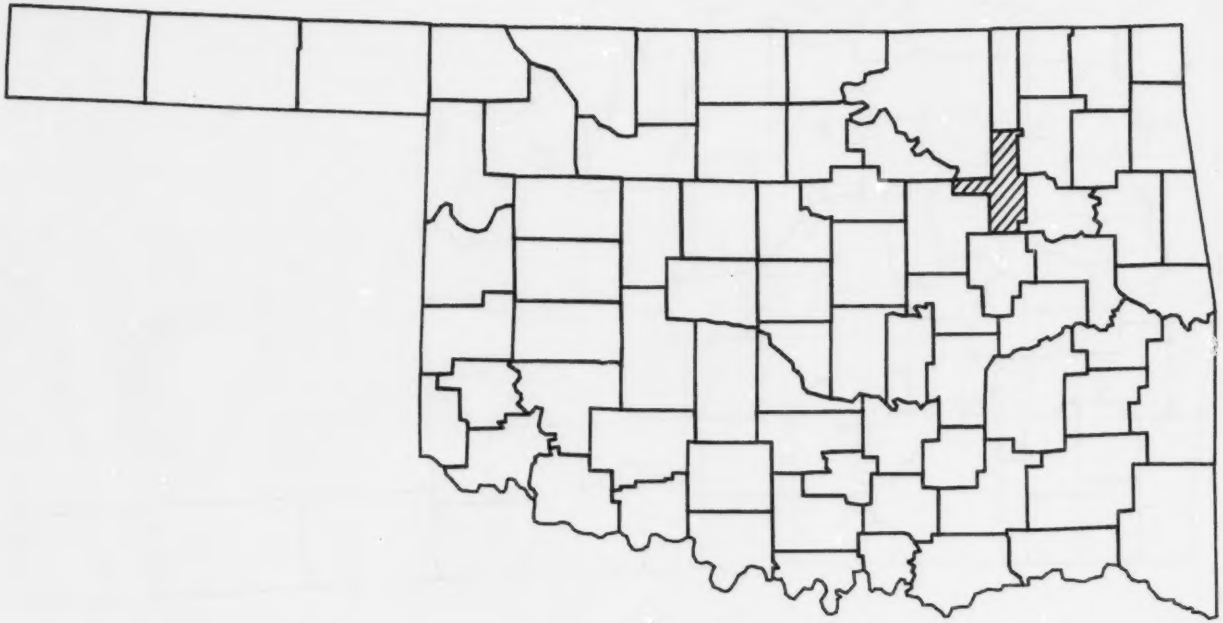
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

OKLAHOMA

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985



OX NONATTAINMENT

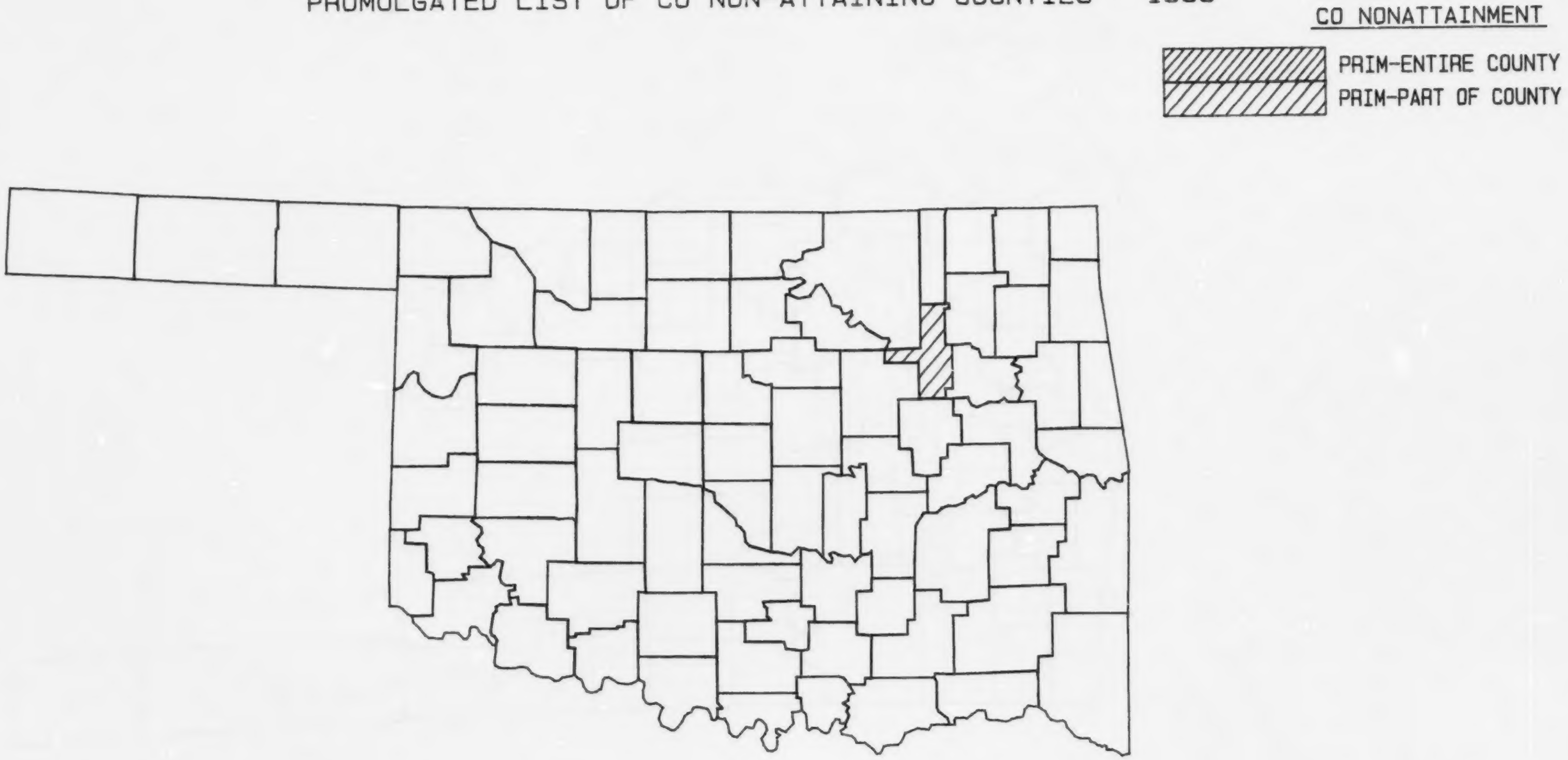
▨ PRIM-ENTIRE COUNTY

▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

OKLAHOMA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

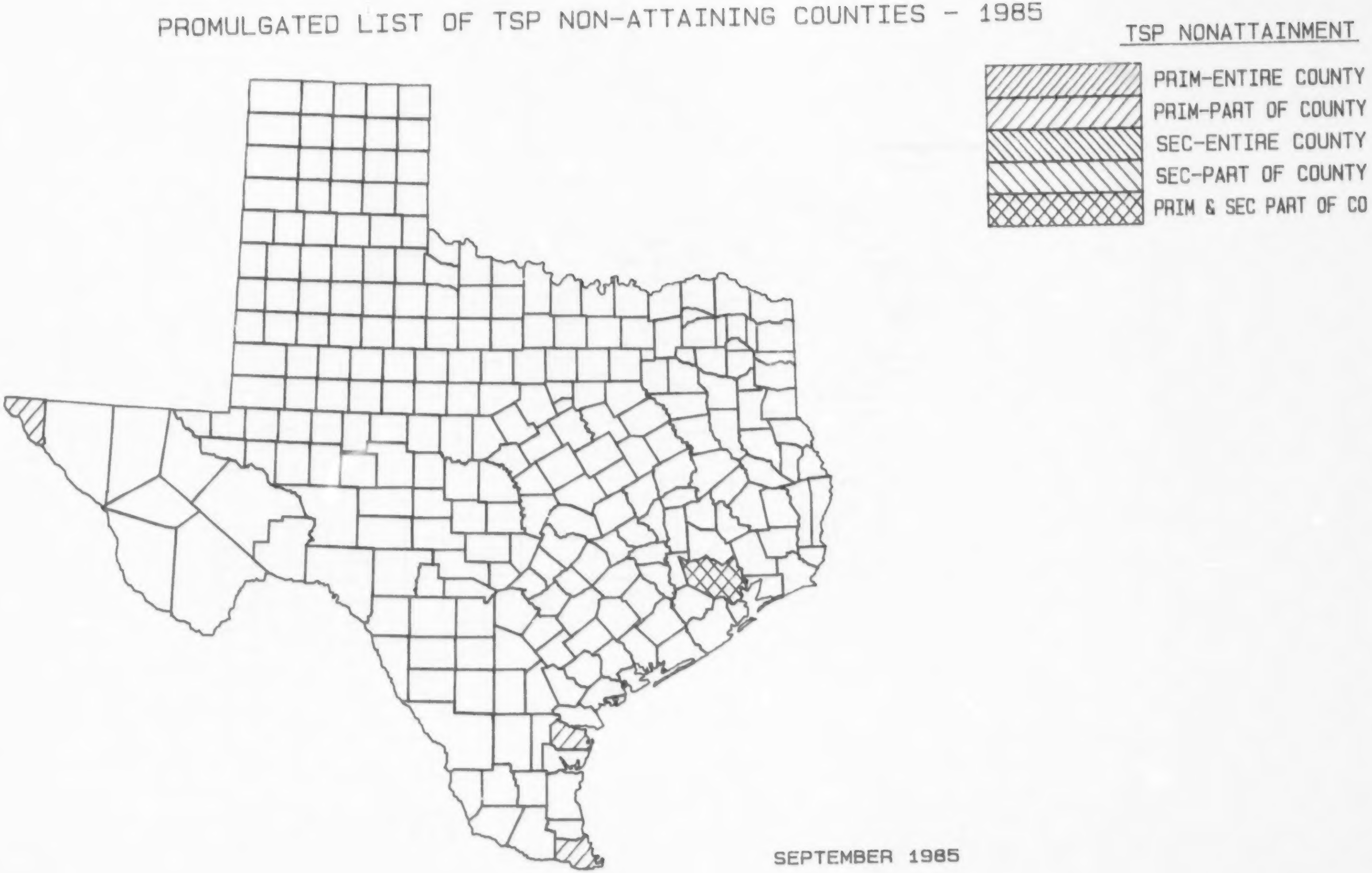
TEXAS

Kilometers
0
100
200

Reproduced from
best available copy.

TEXAS

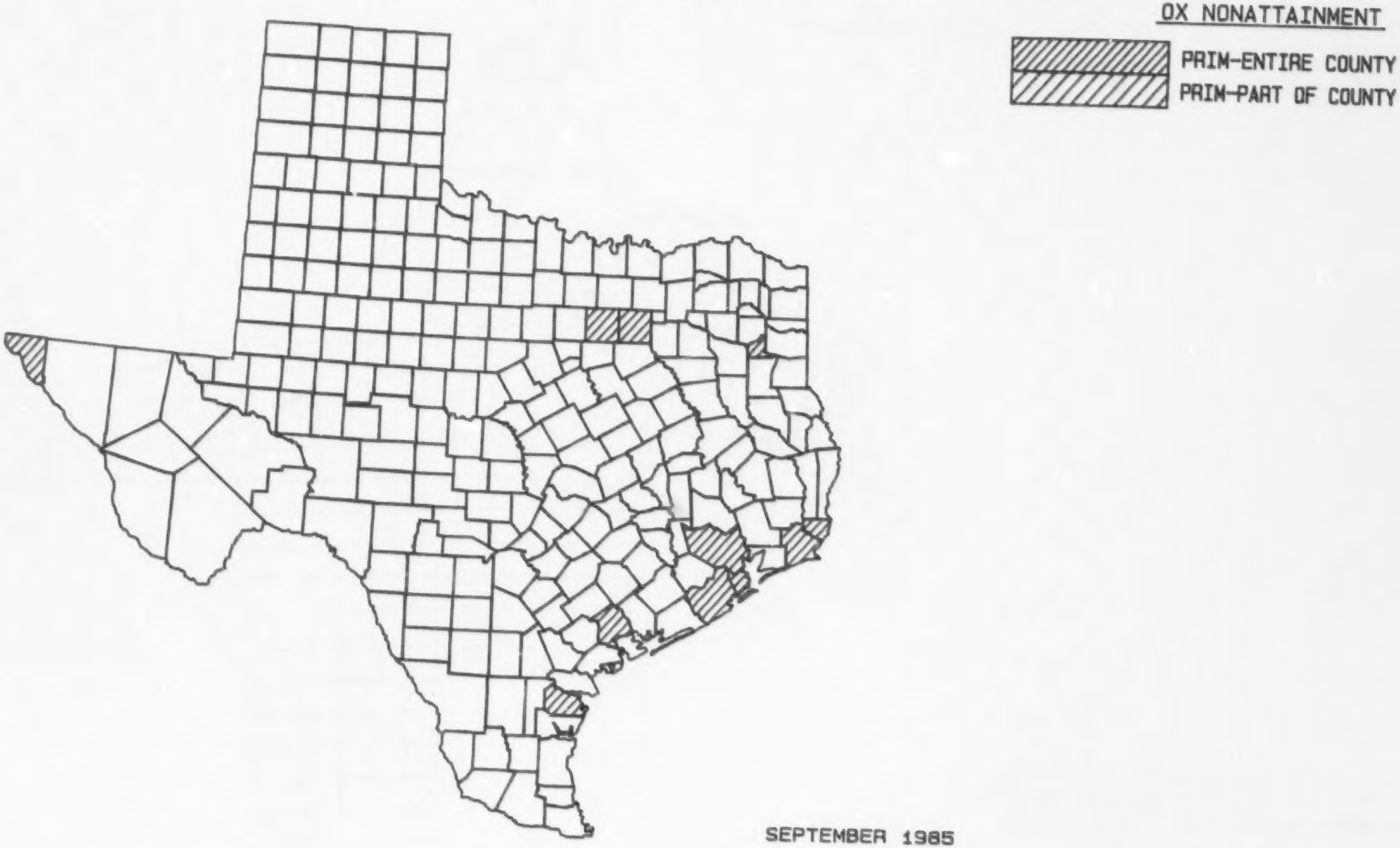
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

TEXAS

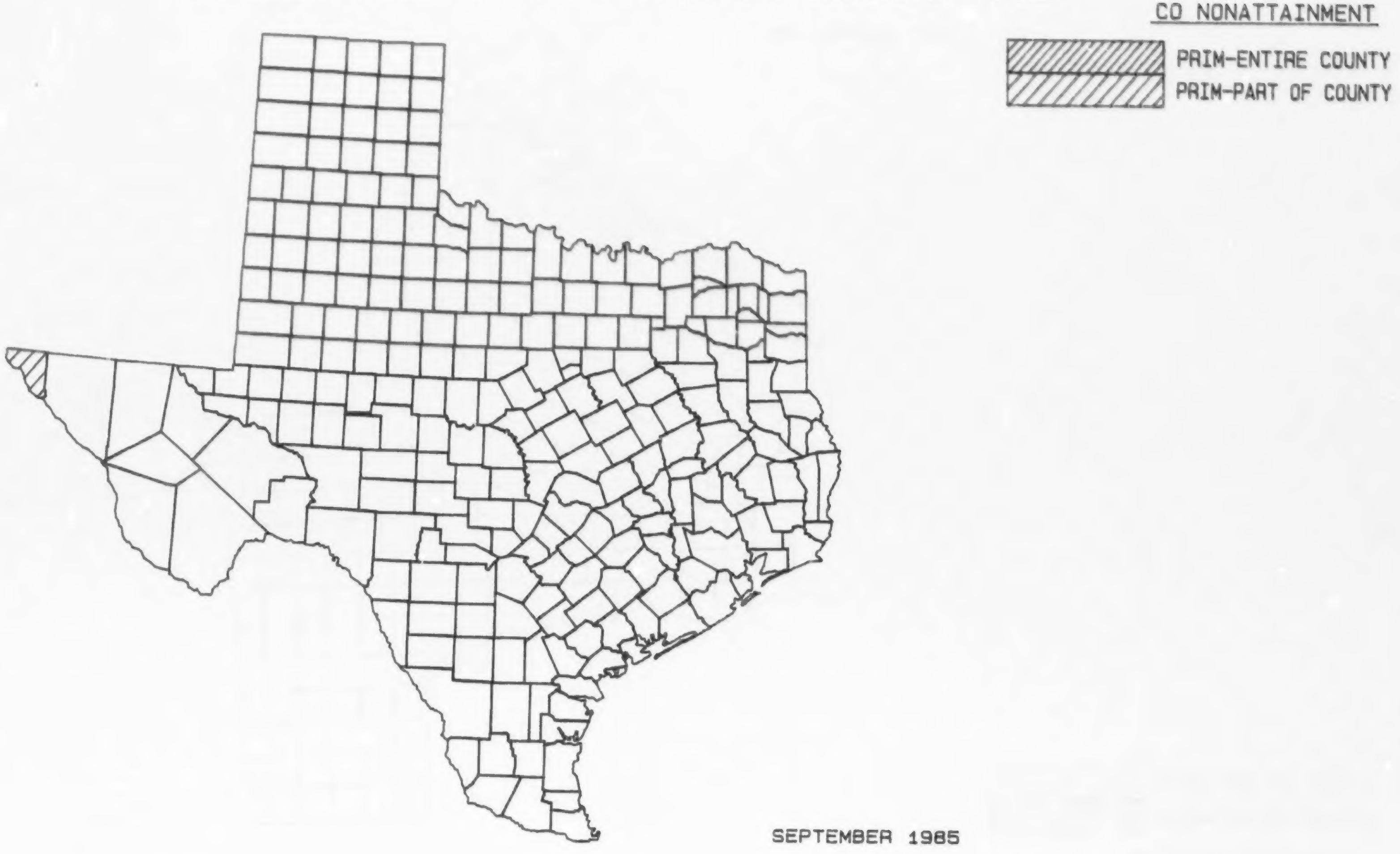
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

TEXAS

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

Region VII

Iowa, Kansas, Missouri, Nebraska

Air Programs Branch
EPA Region VII
726 Minnesota Ave.
Kansas City, Kansas 66101
(913) 236-2893

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR IOWA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
BLACK HAWK CO	137961		P					
CERRO GORDO CO	48458	P	P					
CLINTON CO	57122		P					
LINN CO	169775		P					
MARSHALL CO	41652		P					
MUSCATINE CO	40436		P					
POLK CO	303170	P	P			P		
POTTAWATTAMIE CO	86561		P					
SCOTT CO	160022		P					
WEBSTER CO	45953		P					
WOODBURY CO	100884		P					

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR KANSAS

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
DOUGLAS CO	67640							W
JOHNSON CO	270269							W
SEDGWICK CO	367088					P		
SHAWNEE CO	154916		P					
WYANDOTTE CO	172335	P						W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR MISSOURI

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
BUCHANAN CO	87888	P	P					
CLAY CO	136488		P					W
FRANKLIN CO	71233							W
JACKSON CO	629266		P					W
JEFFERSON CO	146183							W
NEW MADRID CO	22945		P					
PLATTE CO	46341		P					W
ST CHARLES CO	144107							W
ST LOUIS CO	973896	P	P			P		W
ST LOUIS	453085	P	P			W		W

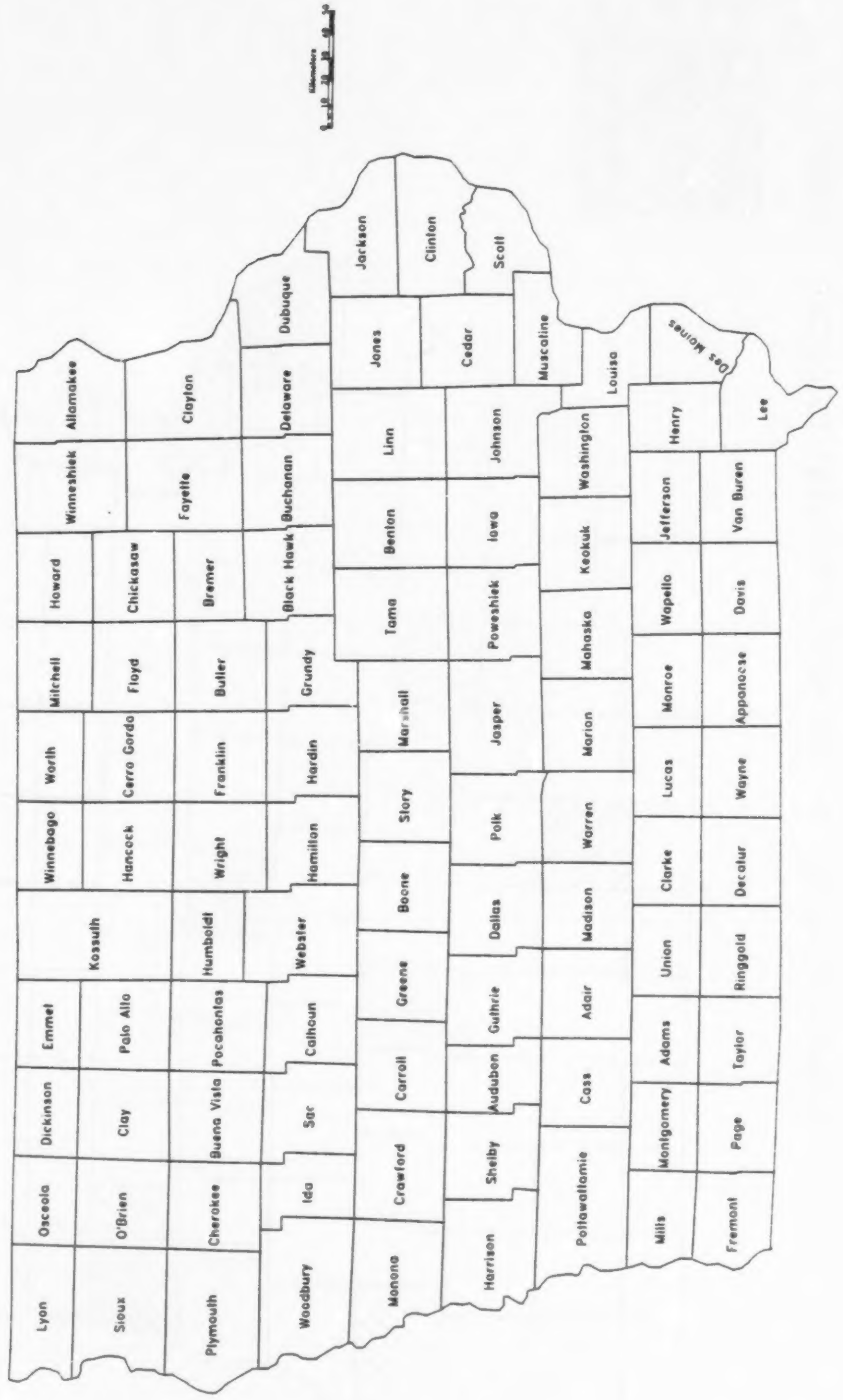
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NEBRASKA

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
CASS CO	20297	P	P					
DOUGLAS CO	397038		P			P		
LANCASTER CO	192884					P		
SARPY CO	86015		P					

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

IOWA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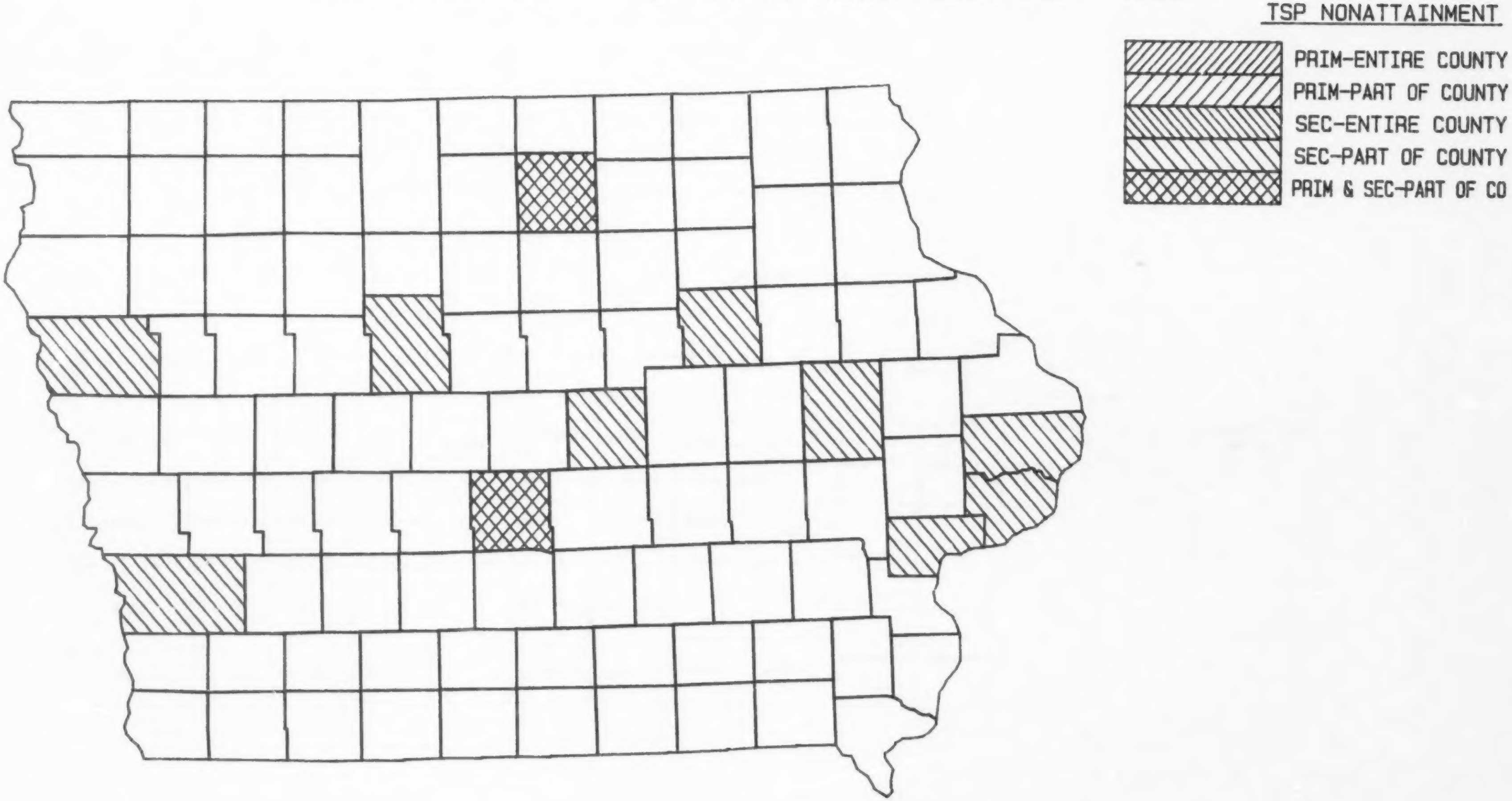
Osceola
Dickinson
Emmet
Kossuth
Winnebago
Worth
Mitchell
Howard
Winneshiek
Allamakee
Sioux
O'Brien
Clay
Palo Alto
Hancock
Cerro Gordo
Floyd
Chickasaw
Fayette
Clayton
Plymouth
Cherokee
Buena Vista
Pocahontas
Humboldt
Wright
Franklin
Butler
Bremer
Buchanan
Delaware
Dubuque
Woodbury
Ida
Sac
Calhoun
Webster
Hamilton
Hardin
Grundy
Black Hawk
Monona
Crawford
Carroll
Greene
Boone
Story
Marshall
Tama
Benton
Linn
Jones
Jackson
Clinton
Harrison
Shelby
Audubon
Guthrie
Dallas
Polk
Jasper
Poweshiek
Iowa
Johnson
Cedar
Scott
Muscatine
Pottawattamie
Cass
Adair
Madison
Warren
Marion
Mahaska
Keokuk
Washington
Louisa
Mills
Montgomery
Adams
Union
Clarke
Lucas
Monroe
Wapello
Jefferson
Henry
Des Moines
Fremont
Page
Taylor
Ringgold
Decatur
Wayne
Appanoose
Davis
Van Buren
Lee

IOWA

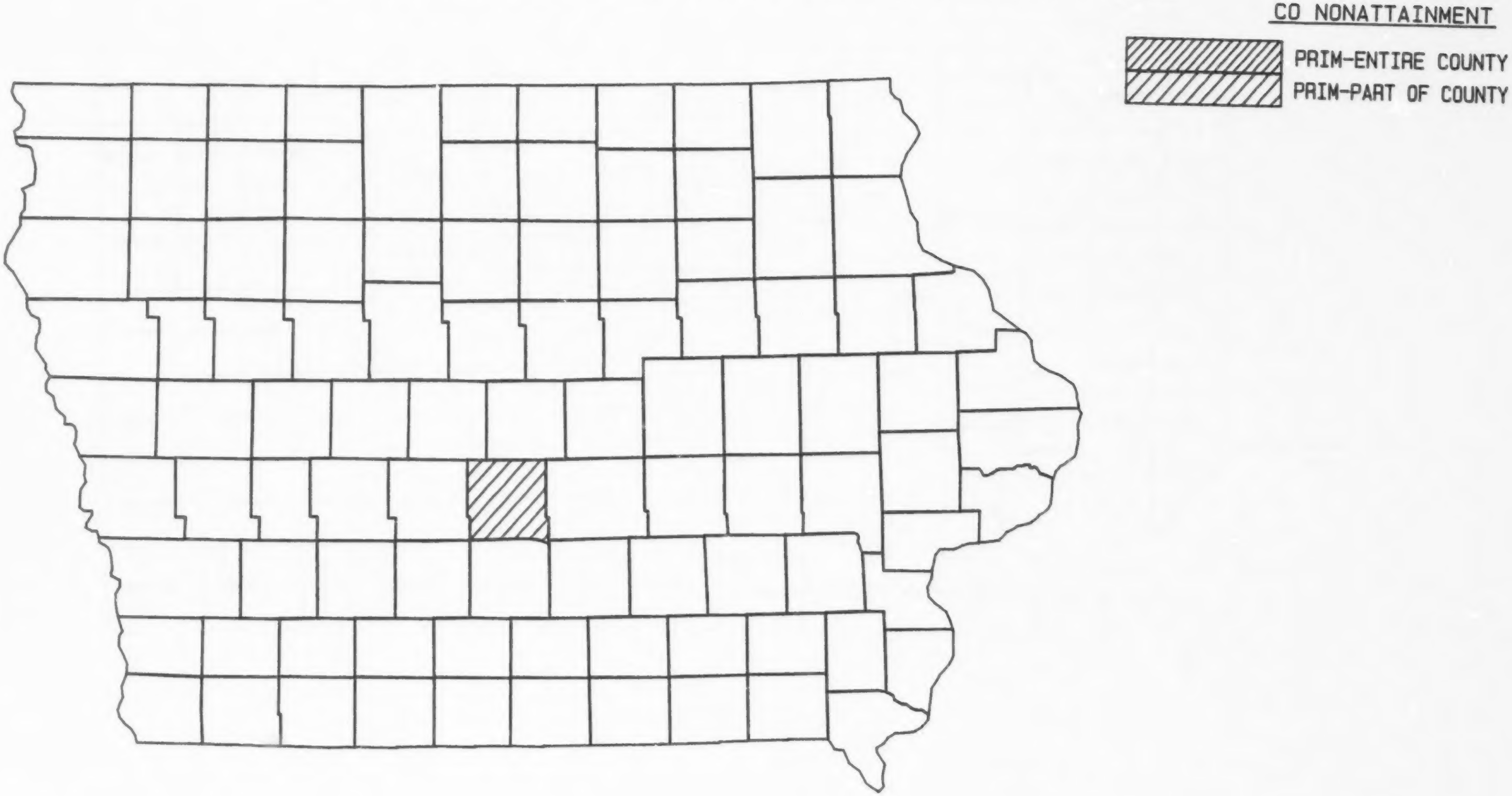
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY
▨ PRIM & SEC-PART OF CO

SEPTEMBER 1985

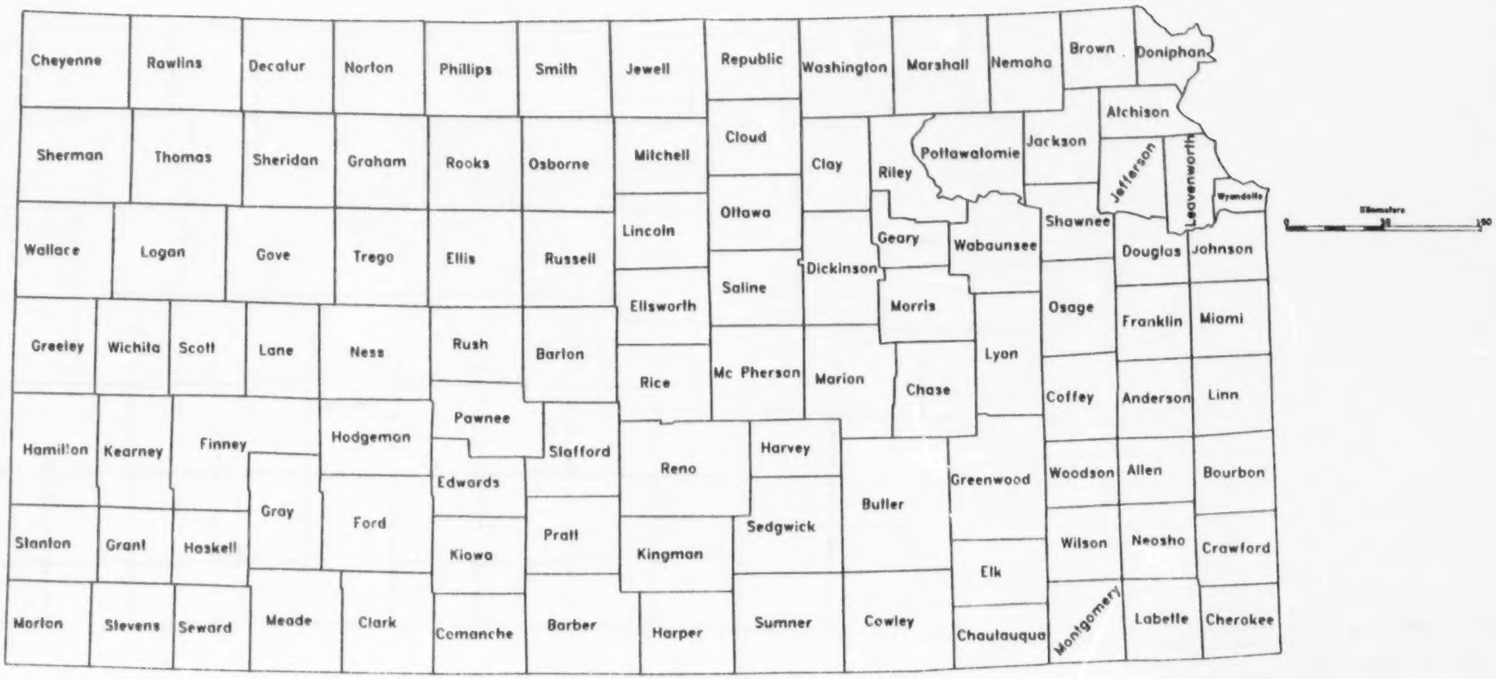
IOWA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

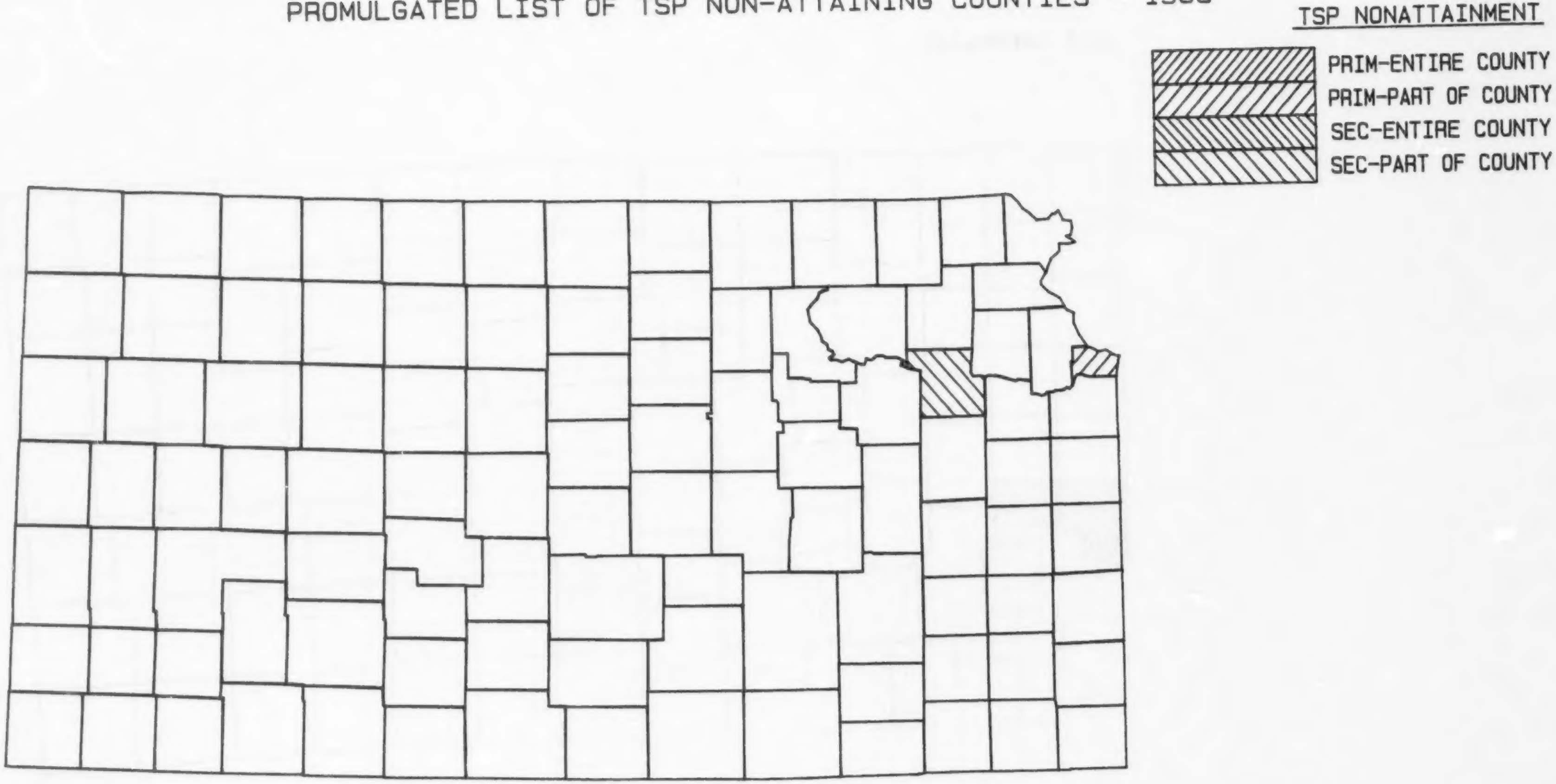
KANSAS



Cheyenne
Rawlins
Decatur
Norton
Phillips
Smith
Jewell
Republic
Washington
Marshall
Nemaha
Brown
Doniphan
Atchison
Sherman
Thomas
Sheridan
Graham
Rooks
Osborne
Mitchell
Cloud
Clay
Riley
Pottawatomie
Jackson
Jefferson
Leavenworth
Wyandotte
Wallace
Logan
Gove
Trego
Ellis
Russell
Lincoln
Ottawa
Geary
Wabaunsee
Shawnee
Douglas
Johnson
Dickinson
Saline
Ellsworth
Morris
Osage
Franklin
Miami
Greeley
Wichita
Scott
Lane
Ness
Rush
Barton
Rice
Mc Pherson
Marion
Chase
Lyon
Coffey
Anderson
Linn
Hamilton
Kearney
Finney
Hodgeman
Pawnee
Stafford
Reno
Harvey
Butler
Greenwood
Woodson
Allen
Bourbon
Edwards
Gray
Ford
Stanton
Grant
Haskell
Kiowa
Pratt
Kingman
Sedgwick
Wilson
Neosho
Crawford
Elk
Morton
Stevens
Seward
Meade
Clark
Comanche
Barber
Harper
Sumner
Cowley
Chautauqua
Montgomery
Labette
Cherokee
Kilometers
0
50
100

KANSAS

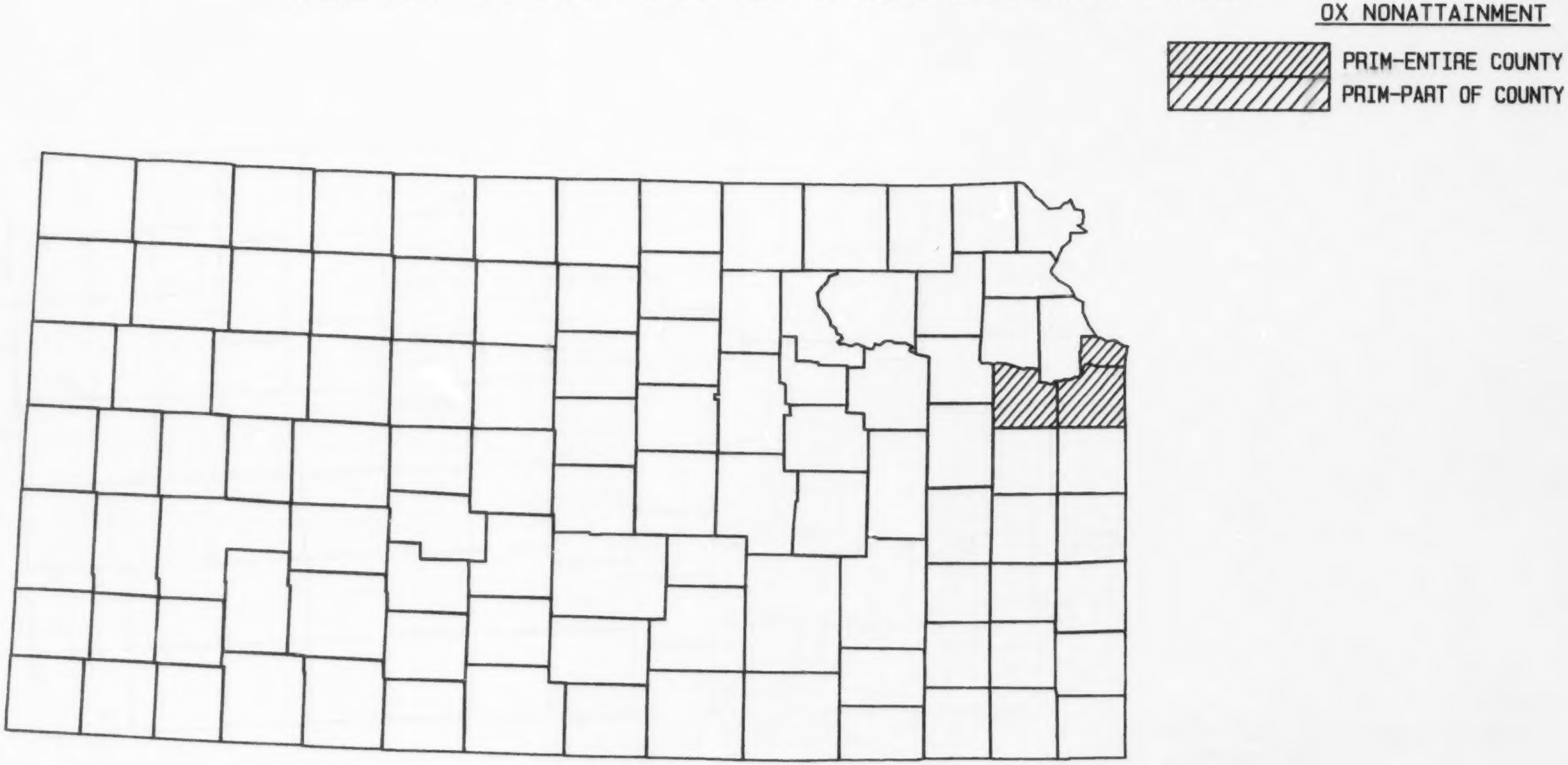
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

KANSAS

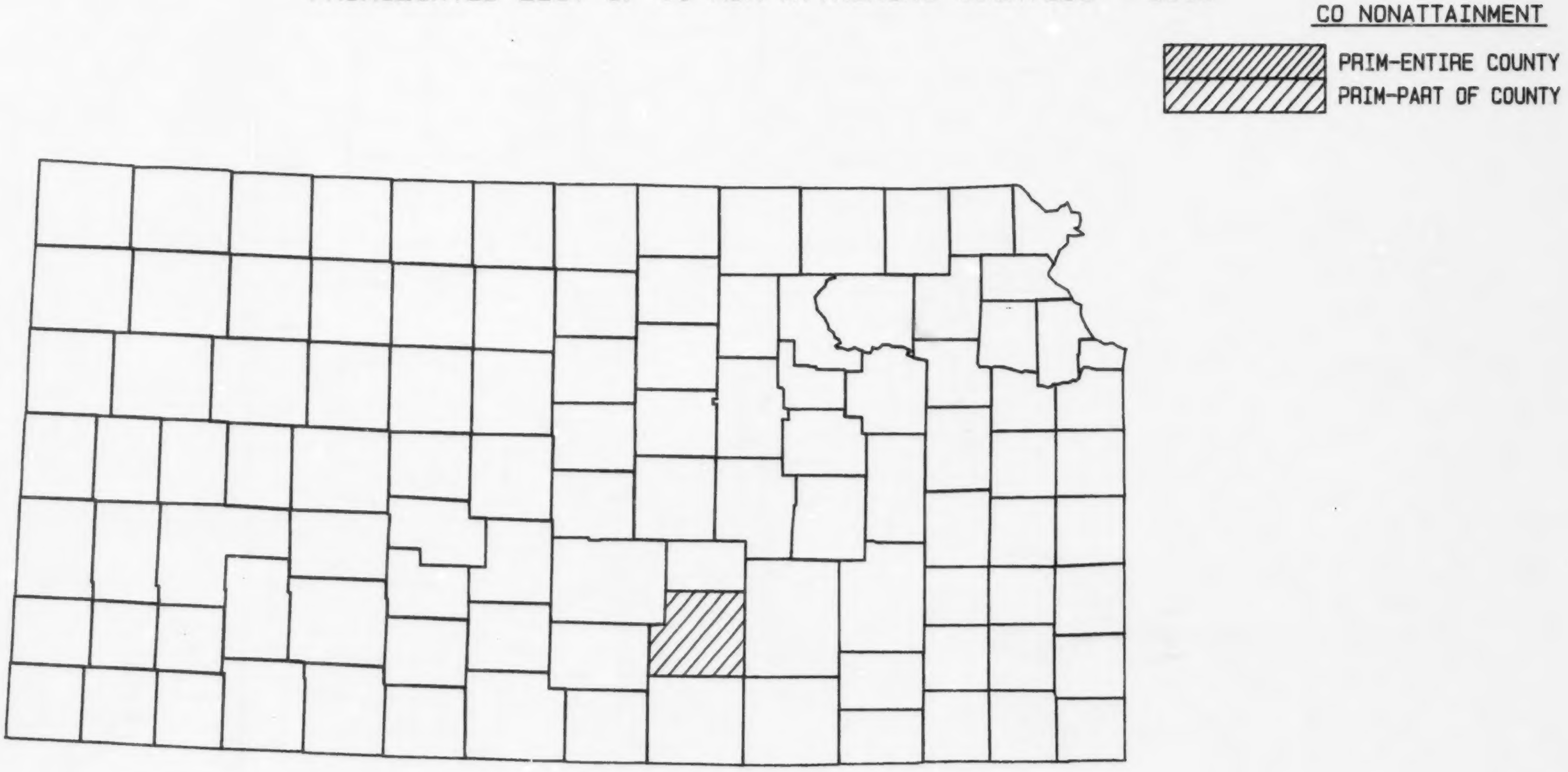
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

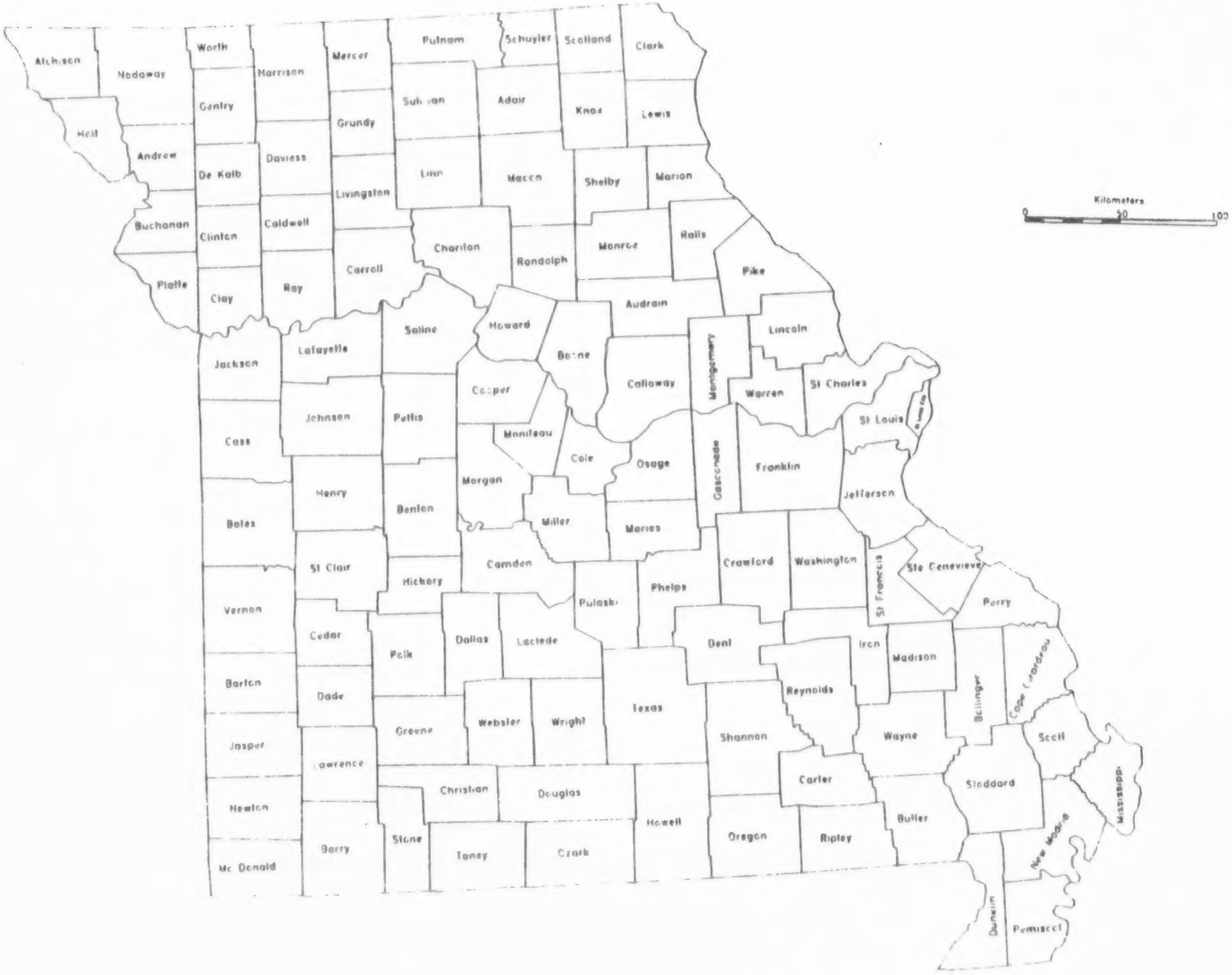
KANSAS

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

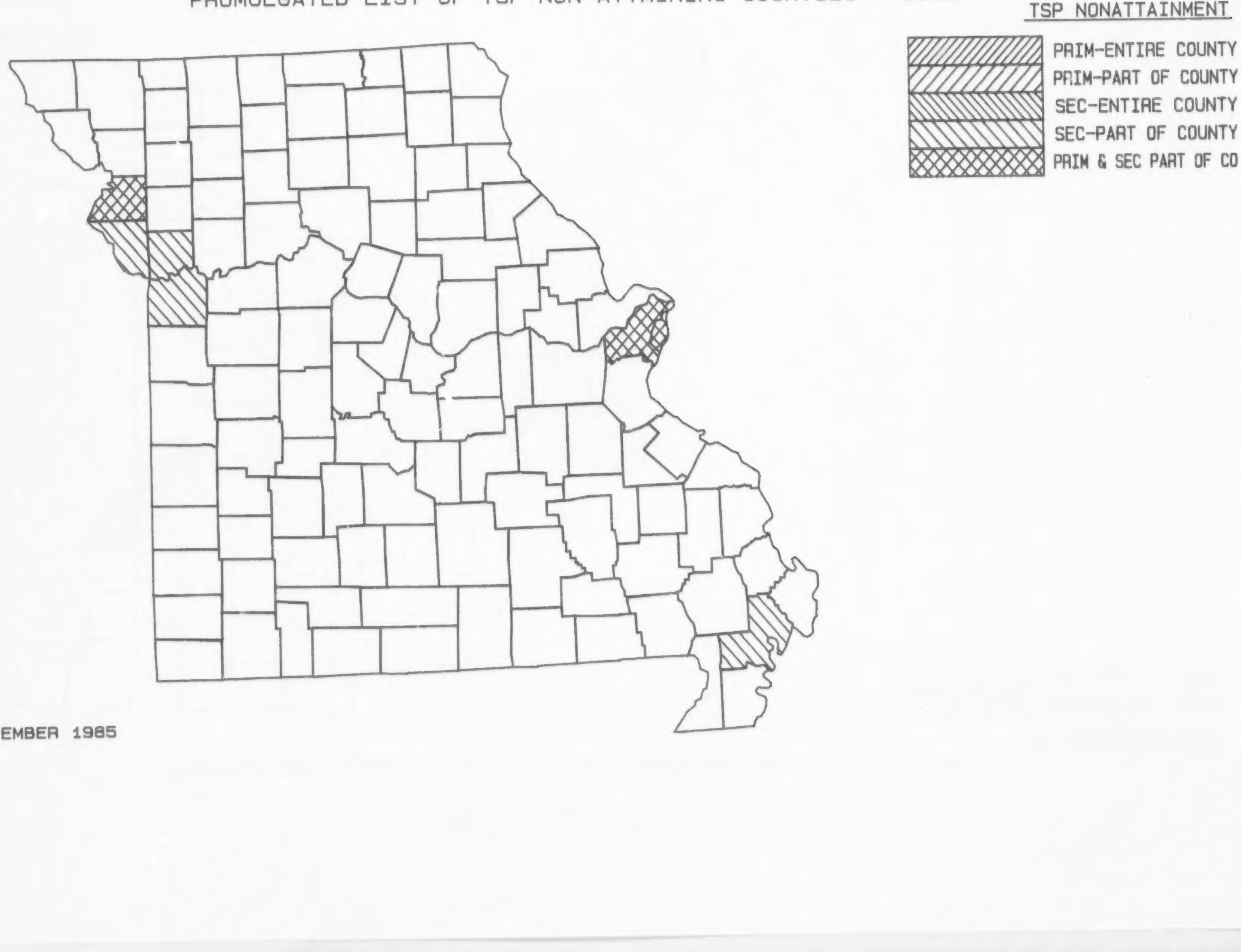
SEPTEMBER 1985

MISSOURI


Kilometers
0
50
100
Atchison
Nodaway
Worth
Harrison
Mercer
Putnam
Schuyler
Scotland
Clark
Holt
Andrew
Gentry
Grundy
Sullivan
Adair
Knox
Lewis
De Kalb
Daviess
Linn
Macon
Shelby
Marion
Buchanan
Clinton
Caldwell
Livingston
Chariton
Randolph
Monroe
Ralls
Platte
Clay
Ray
Carroll
Pike
Audrain
Howard
Boone
Lincoln
Saline
Lafayette
Jackson
Cooper
Callaway
Montgomery
Warren
St Charles
St Louis
Johnson
Pettis
Moniteau
Cole
Osage
Gasconade
Franklin
Cass
Henry
Benton
Morgan
Miller
Maries
Jefferson
Bates
St Clair
Hickory
Camden
Pulaski
Phelps
Crawford
Washington
St Francois
Ste Genevieve
Perry
Vernon
Cedar
Polk
Dallas
Laclede
Dent
Iron
Madison
Reynolds
Barton
Dade
Greene
Webster
Wright
Texas
Shannon
Wayne
Bollinger
Cape Girardeau
Scott
Jasper
Lawrence
Christian
Douglas
Carter
Stoddard
Mississippi
Newton
Barry
Stone
Taney
Ozark
Howell
Oregon
Ripley
Butler
New Madrid
Mc Donald
Dunklin
Pemiscot

MISSOURI

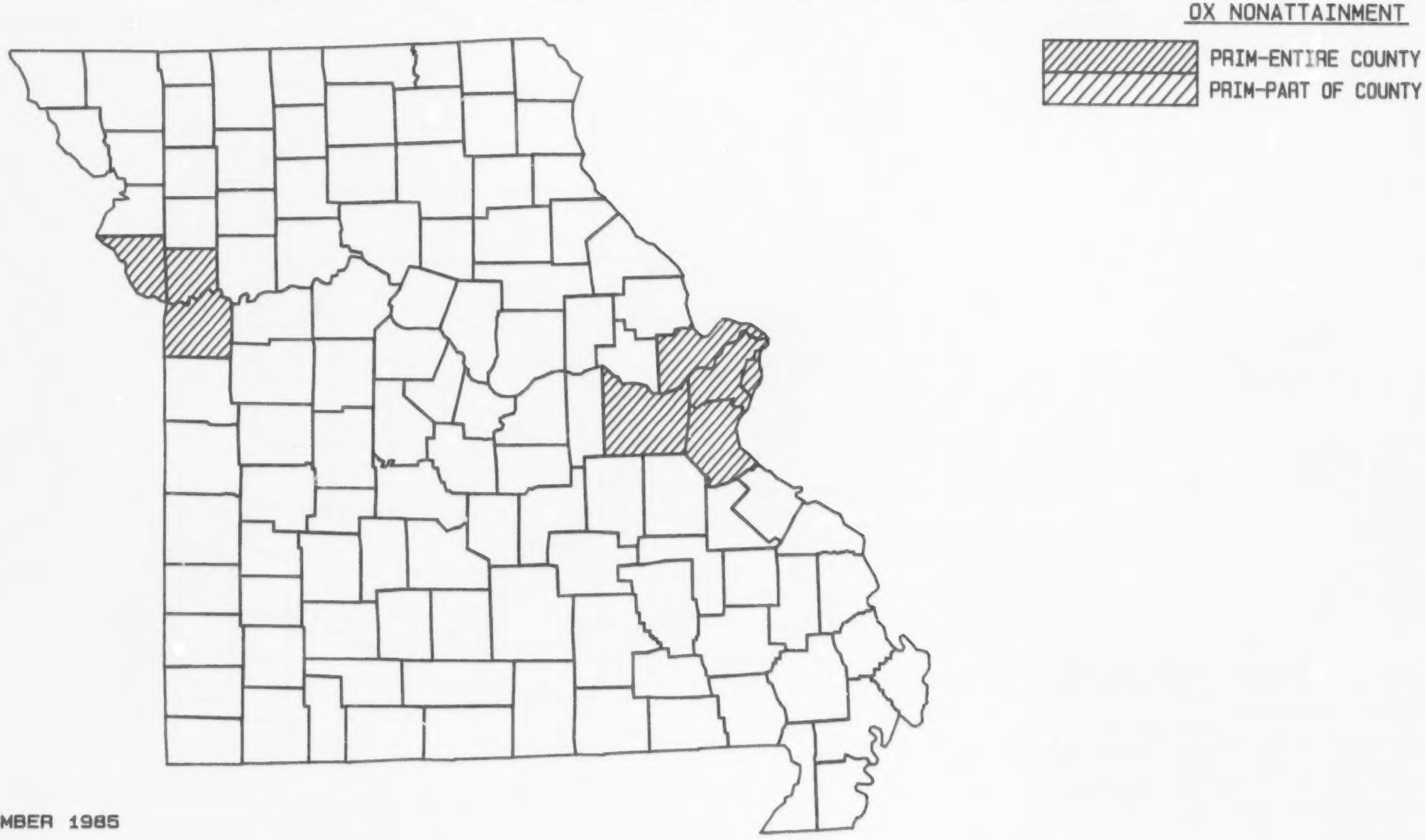
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

MISSOURI

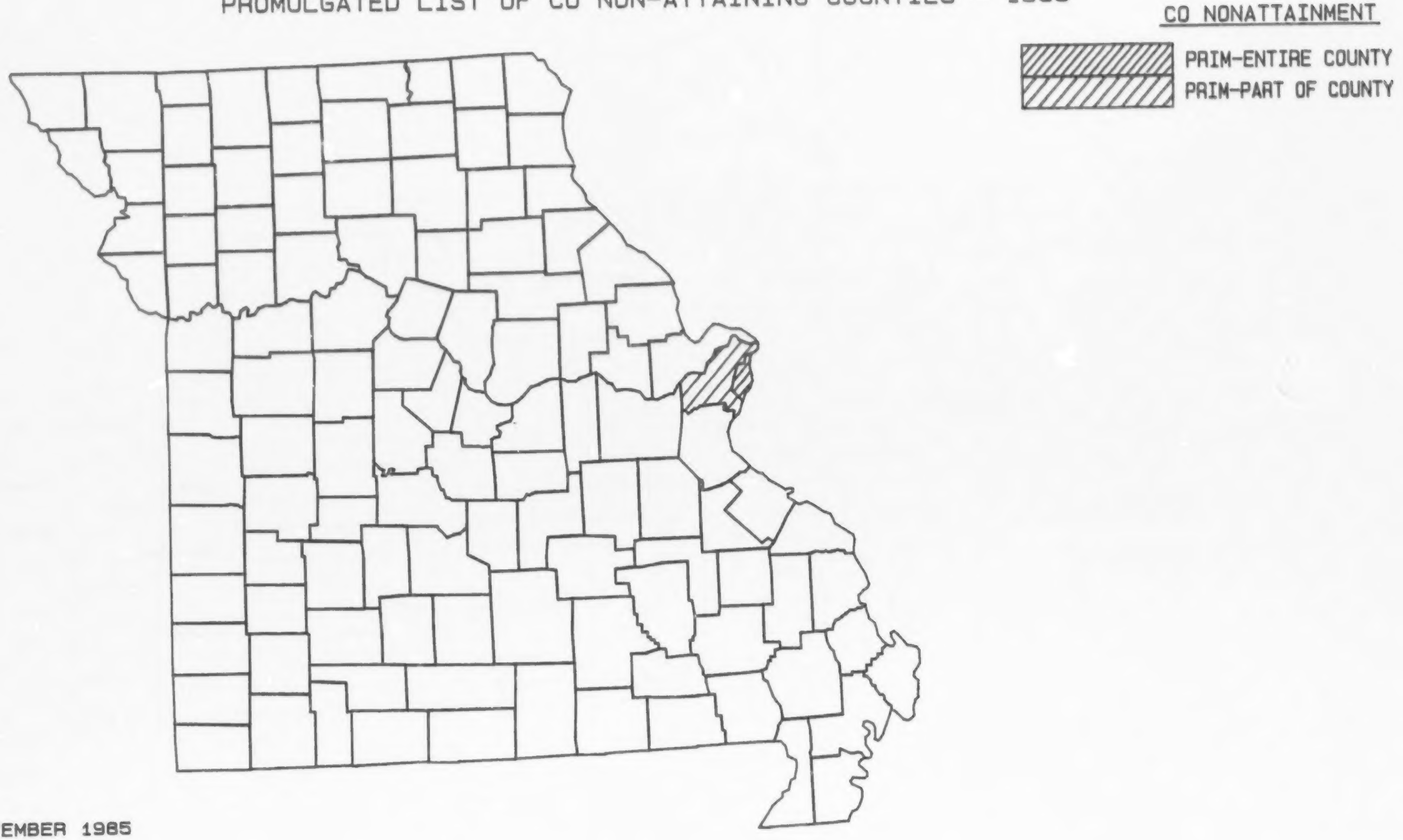
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

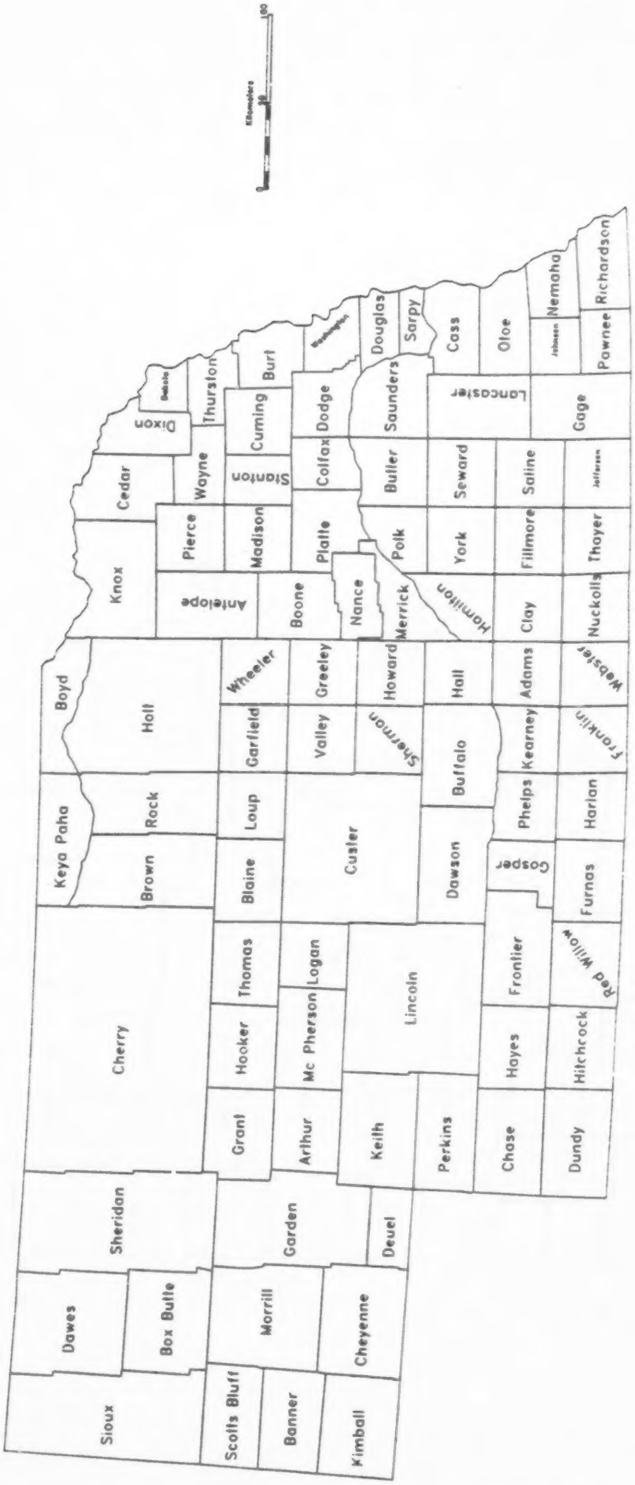
MISSOURI

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

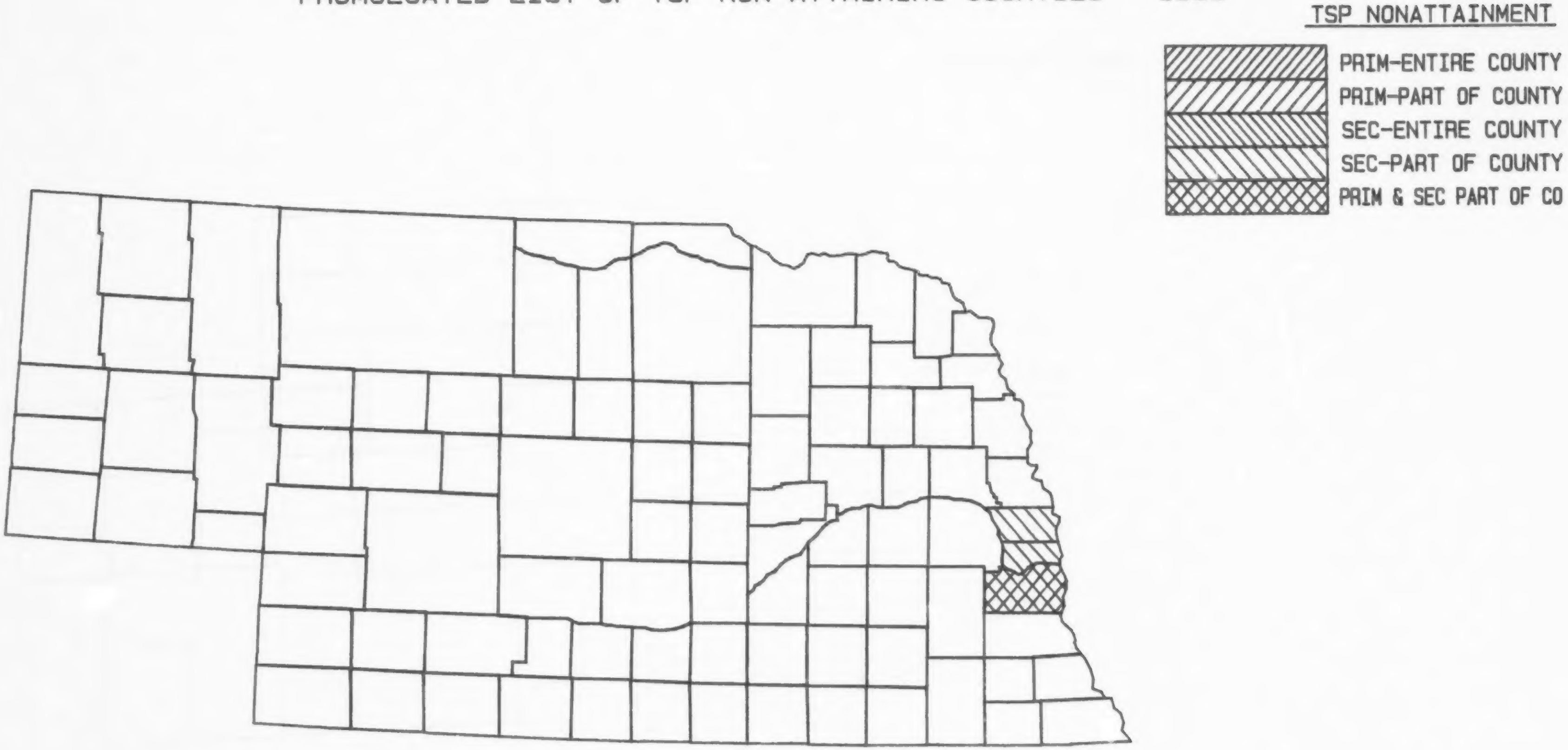
SEPTEMBER 1985

NEBRASKA


Kilometers
0
50
100
Sioux
Dawes
Box Butte
Sheridan
Cherry
Keya Paha
Boyd
Brown
Rock
Holt
Knox
Cedar
Dixon
Dakota
Thurston
Wayne
Pierce
Antelope
Scotts Bluff
Banner
Kimball
Morrill
Cheyenne
Garden
Deuel
Grant
Hooker
Thomas
Blaine
Loup
Garfield
Wheeler
Arthur
Mc Pherson
Logan
Custer
Valley
Greeley
Boone
Madison
Stanton
Cuming
Burt
Keith
Lincoln
Sherman
Howard
Nance
Platte
Colfax
Dodge
Washington
Perkins
Dawson
Buffalo
Hall
Merrick
Polk
Butler
Saunders
Douglas
Sarpy
Chase
Hayes
Frontier
Gosper
Phelps
Kearney
Adams
Hamilton
York
Seward
Lancaster
Cass
Otoe
Dundy
Hitchcock
Red Willow
Furnas
Harlan
Franklin
Webster
Clay
Fillmore
Saline
Gage
Johnson
Nemaha
Nuckolls
Thayer
Jefferson
Pawnee
Richardson

NEBRASKA

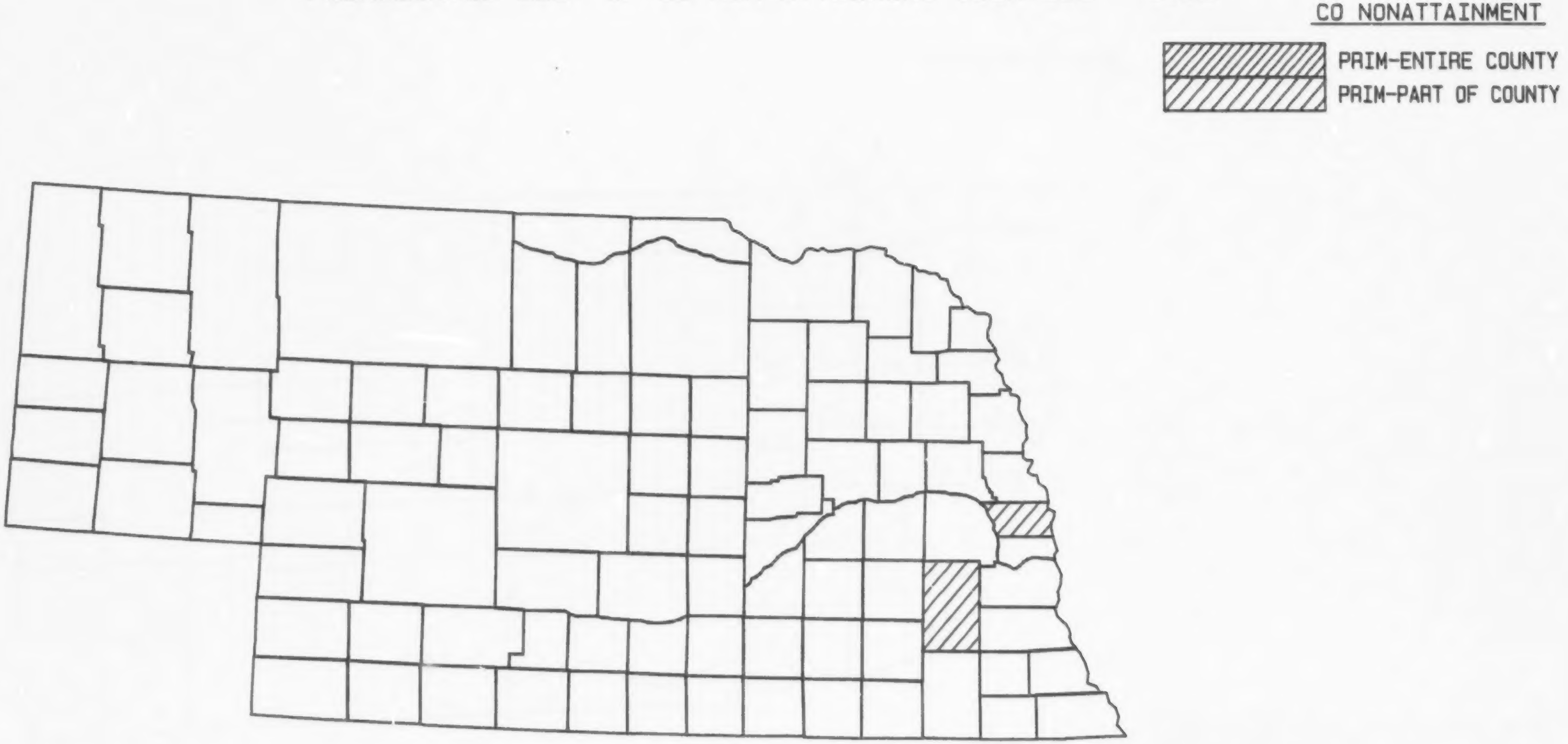
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

NEBRASKA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

Region VIII

Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming

Air Programs Branch
EPA Region VIII
999 18th Street-Suite 1300
Denver, Colorado 80295
(303) 293-1753

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR COLORADO

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
ADAMS CO	245944	P				P		P
ARAPAHOE CO	293621	P				P		P
BOULDER CO	189625		P			P		P
DENVER CO	492365	W				W		W
DOUGLAS CO	25153	P				P		P
EL PASO CO	309424	P				P		
JEFFERSON CO	371753	P				P		P
LARIMER CO	149184		P			P		
MESA CO	81530	P						
WELD CO	123430		P			P		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR MONTANA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
CASCADE CO	80696		P			P		
FLAT HEAD CO	51966	P						
LEWIS AND CLARK CO	43039		P	P	P			
MISSOULA CO	76016	P	P			P		
ROSEBUD CO	9899		P					
SILVER BOW CO	30092	P	P					
YELLOWSTONE CO	100035		P	P		P		

AS OF SEPTEMBER 1985

ALL COUNTIES MEET THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NORTH DAKOTA

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR SOUTH DAKOTA

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
PENNINGTON CO	70361	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR UTAH

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
DAVIS CO	146540							W
SALT LAKE CO	619066	P		W		P		W
TOOELE CO	26033			P				
UTAH CO	218106	P				P		
WEBER CO	144616					P		

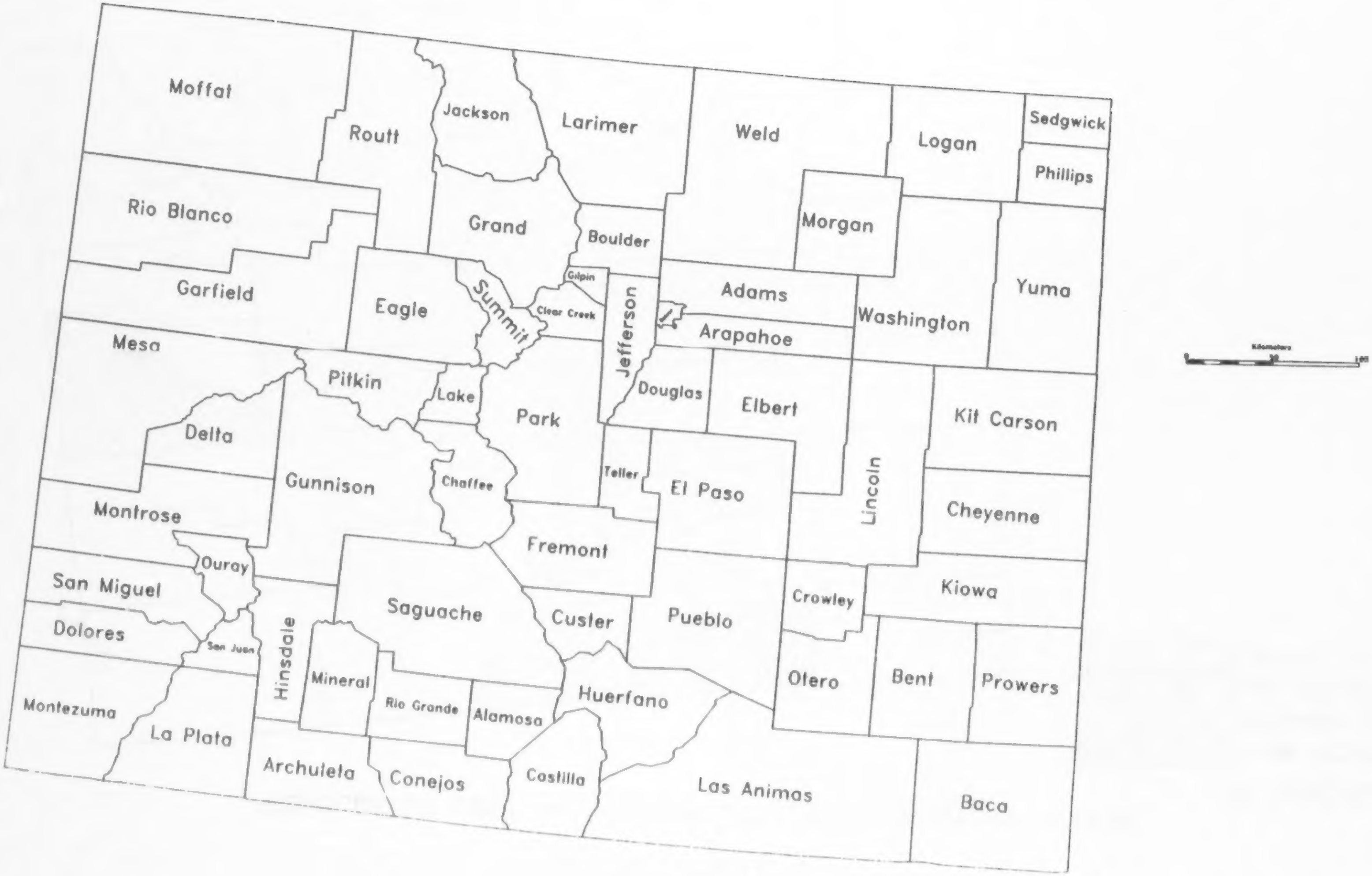
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR WYOMING

		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
SWEETWATER CO	41723		P					

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

COLORADO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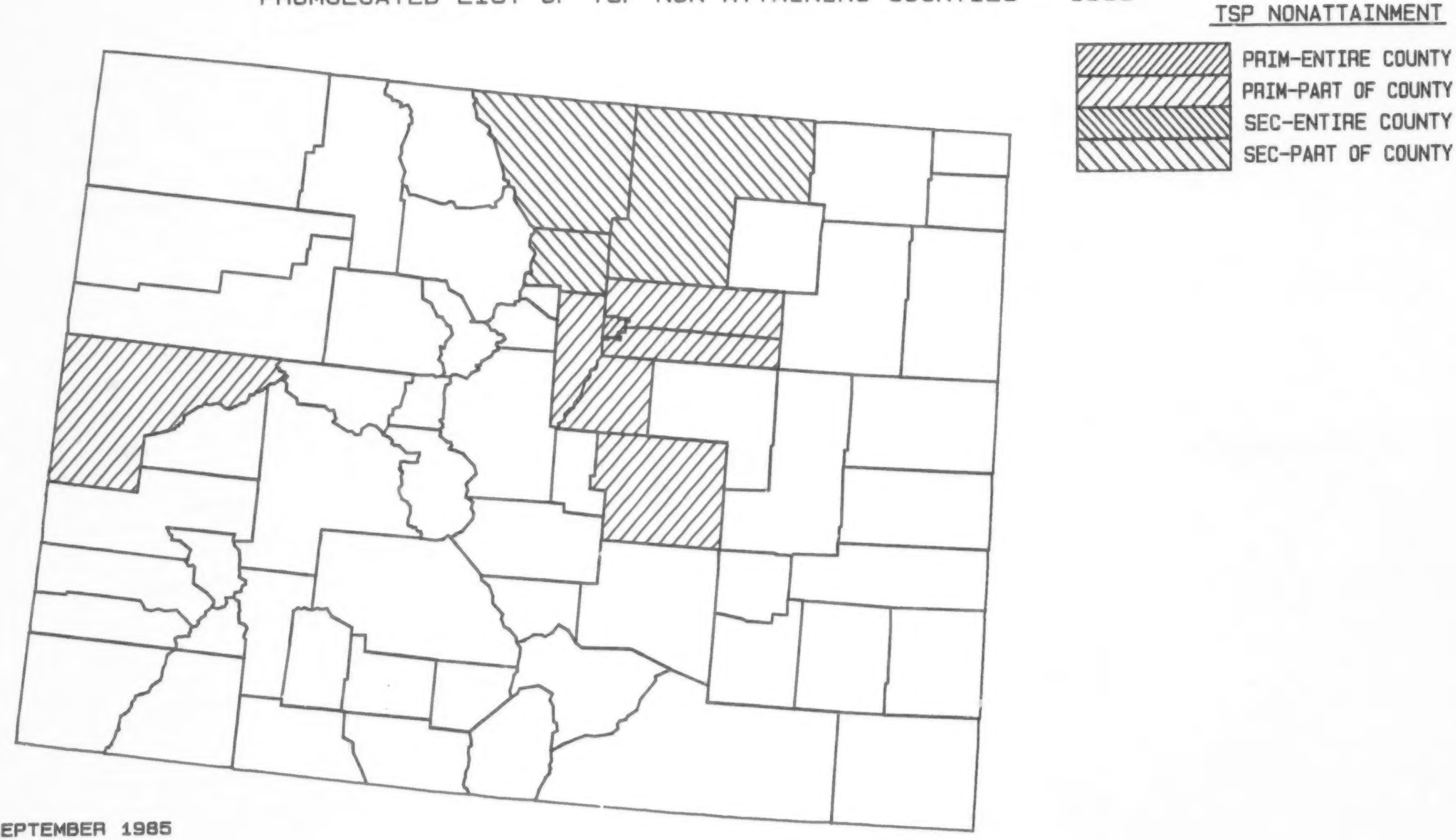
Routt
Jackson
Larimer
Weld
Logan
Sedgwick
Phillips
Rio Blanco
Grand
Boulder
Morgan
Yuma
Garfield
Eagle
Summit
Gilpin
Clear Creek
Jefferson
Adams
Arapahoe
Washington
Mesa
Pitkin
Lake
Park
Douglas
Elbert
Kit Carson
Delta
Gunnison
Chaffee
Teller
El Paso
Lincoln
Cheyenne
Montrose
Fremont
Ouray
San Miguel
Saguache
Custer
Pueblo
Crowley
Kiowa
Dolores
San Juan
Hinsdale
Mineral
Rio Grande
Alamosa
Huerfano
Otero
Bent
Prowers
Montezuma
La Plata
Archuleta
Conejos
Costilla
Las Animas
Baca
Kilometers
0
50
100

COLORADO

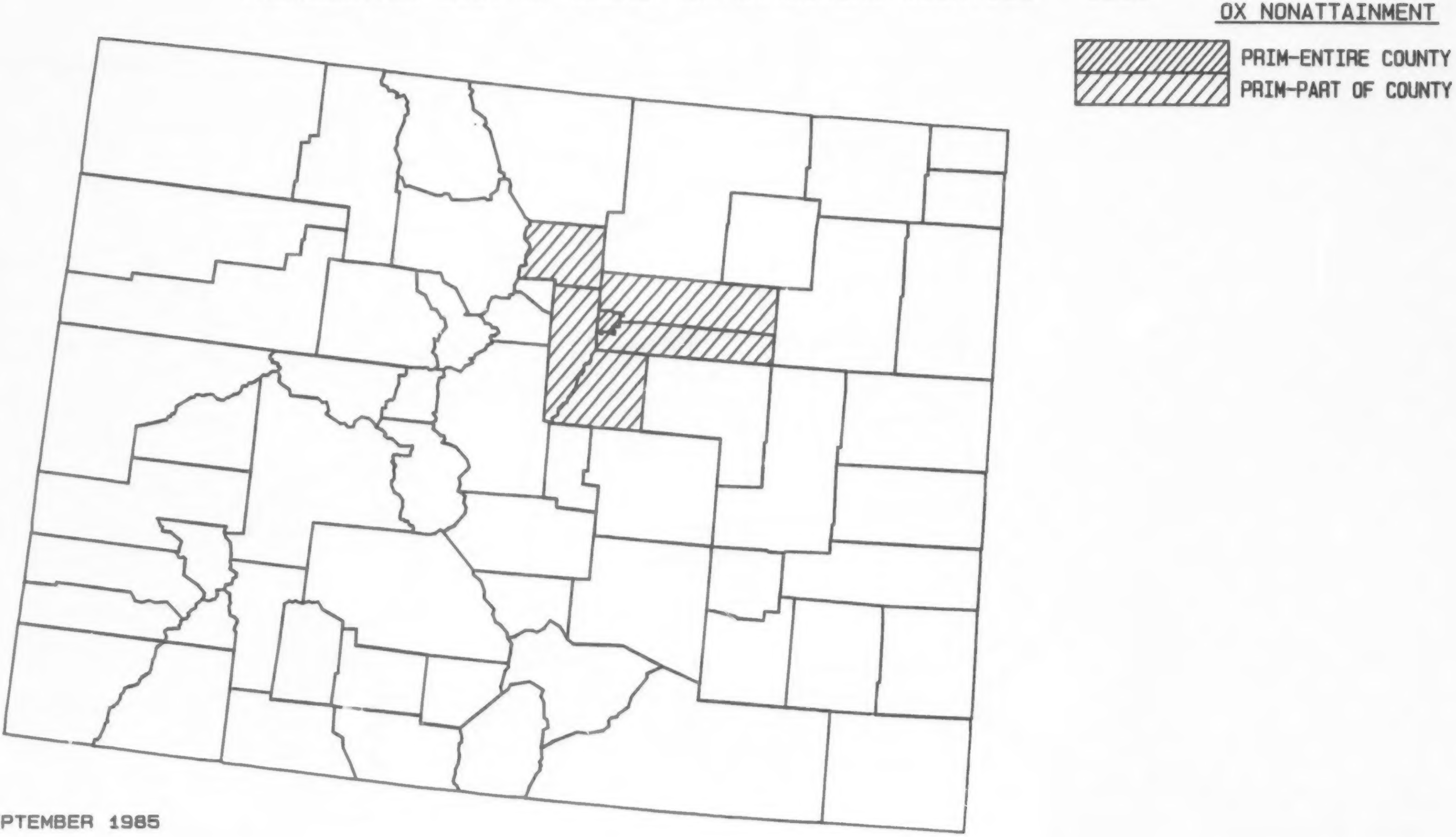
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

COLORADO

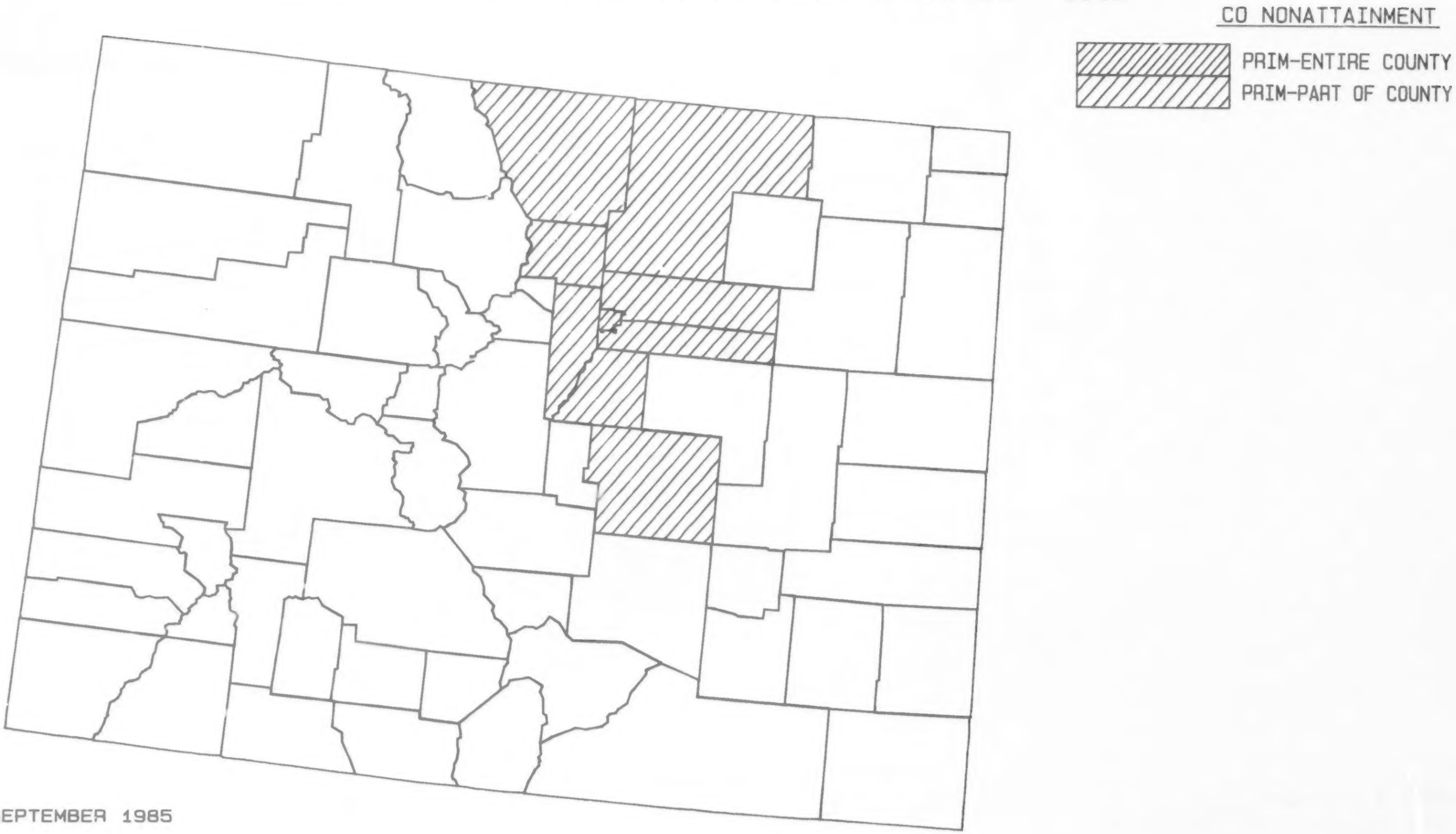
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

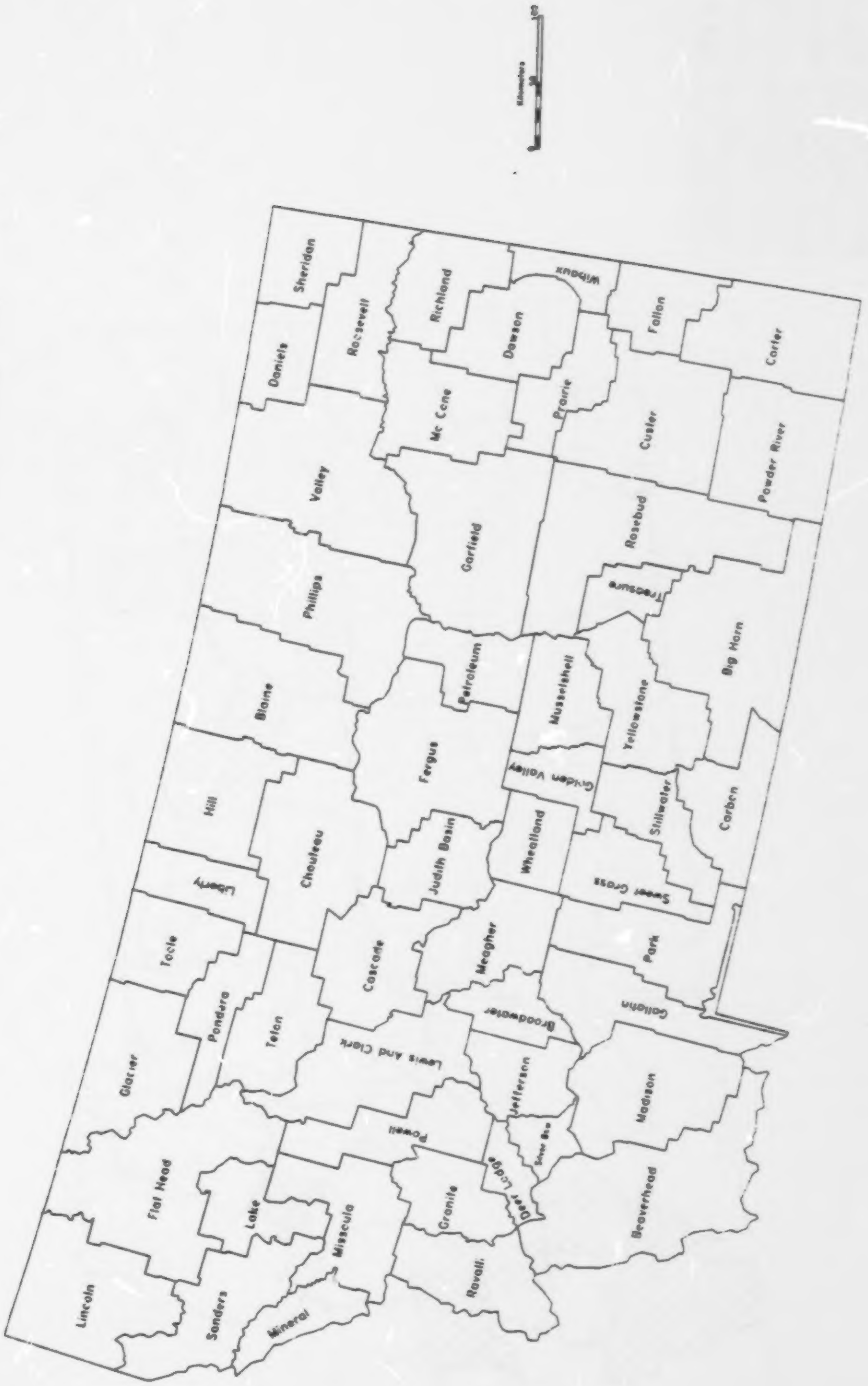
COLORADO

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

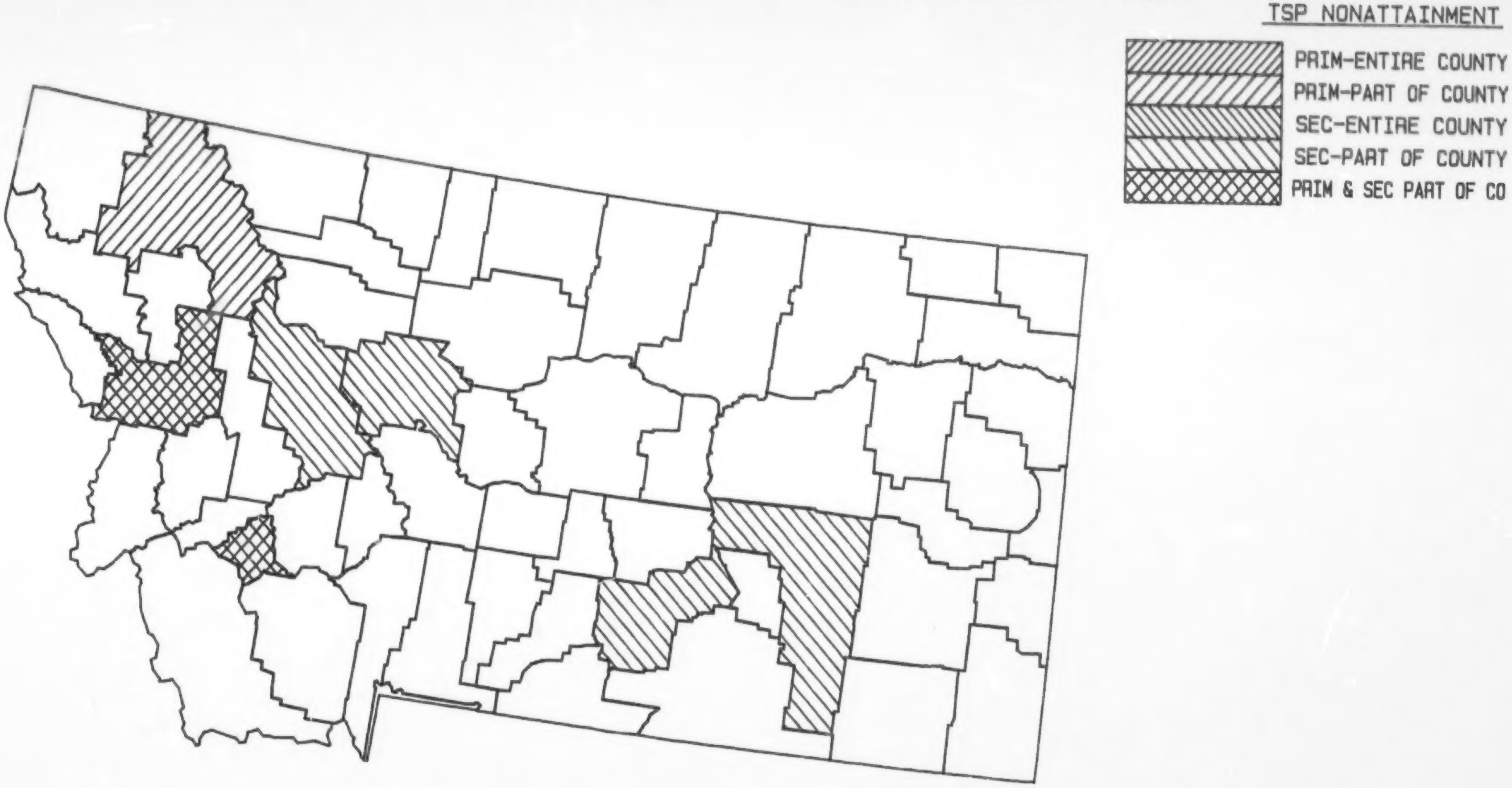
SEPTEMBER 1985

MONTANA


Sheridan
Daniels
Roosevelt
Richland
Wibaux
Dawson
Fallon
Carter
Mc Cone
Prairie
Custer
Powder River
Valley
Garfield
Rosebud
Phillips
Treasure
Big Horn
Petroleum
Musselshell
Yellowstone
Blaine
Fergus
Golden Valley
Hill
Stillwater
Carbon
Chouteau
Judith Basin
Wheatland
Sweet Grass
Liberty
Toole
Cascade
Meagher
Park
Pondera
Teton
Broadwater
Gallatin
Glacier
Lewis And Clark
Jefferson
Madison
Powell
Silver Bow
Flat Head
Lake
Deer Lodge
Granite
Beaverhead
Missoula
Ravalli
Lincoln
Sanders
Mineral

MONTANA

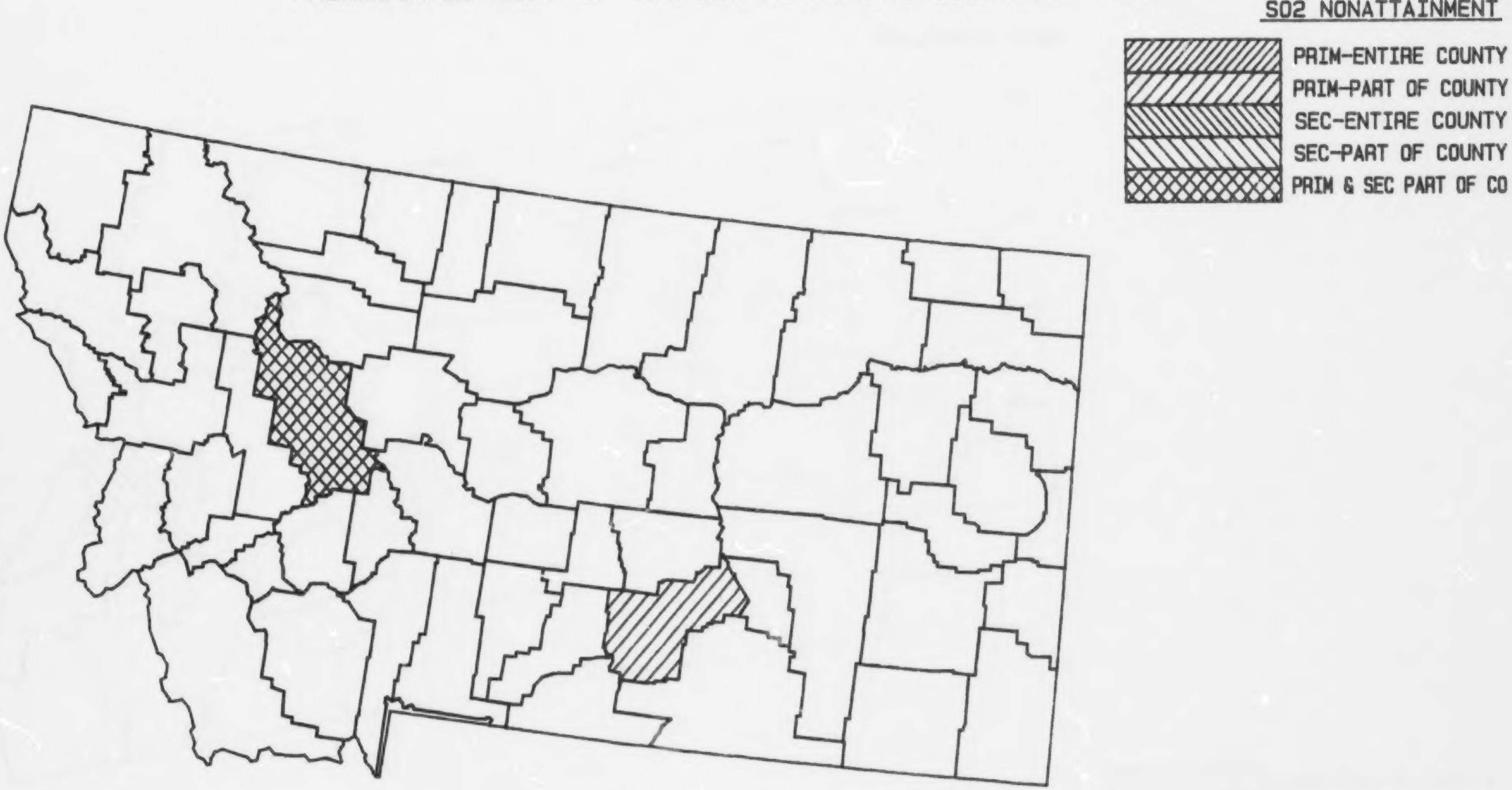
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

MONTANA

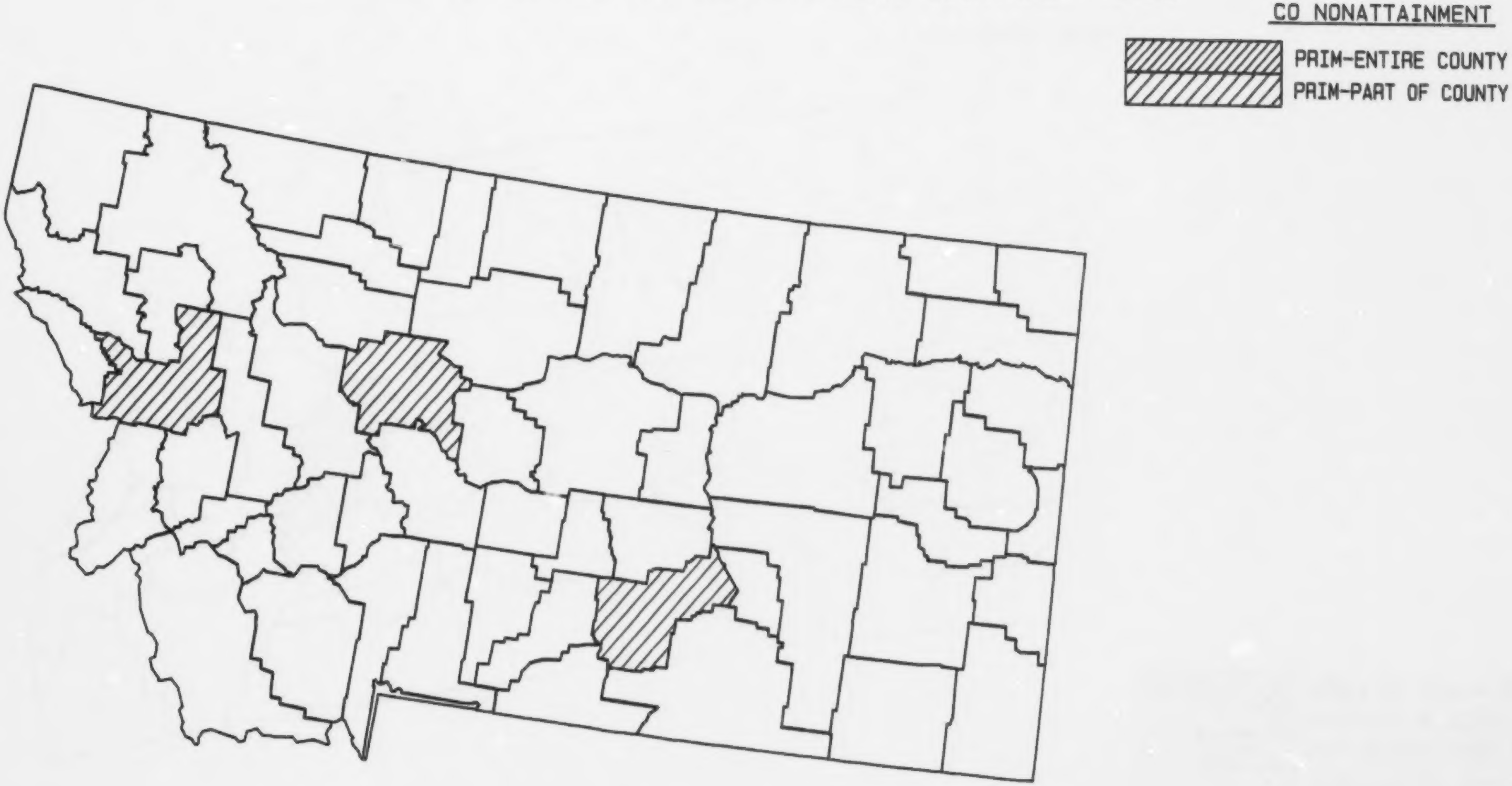
PROMULGATED LIST OF S02 NON-ATTAINING COUNTIES - 1985


S02 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

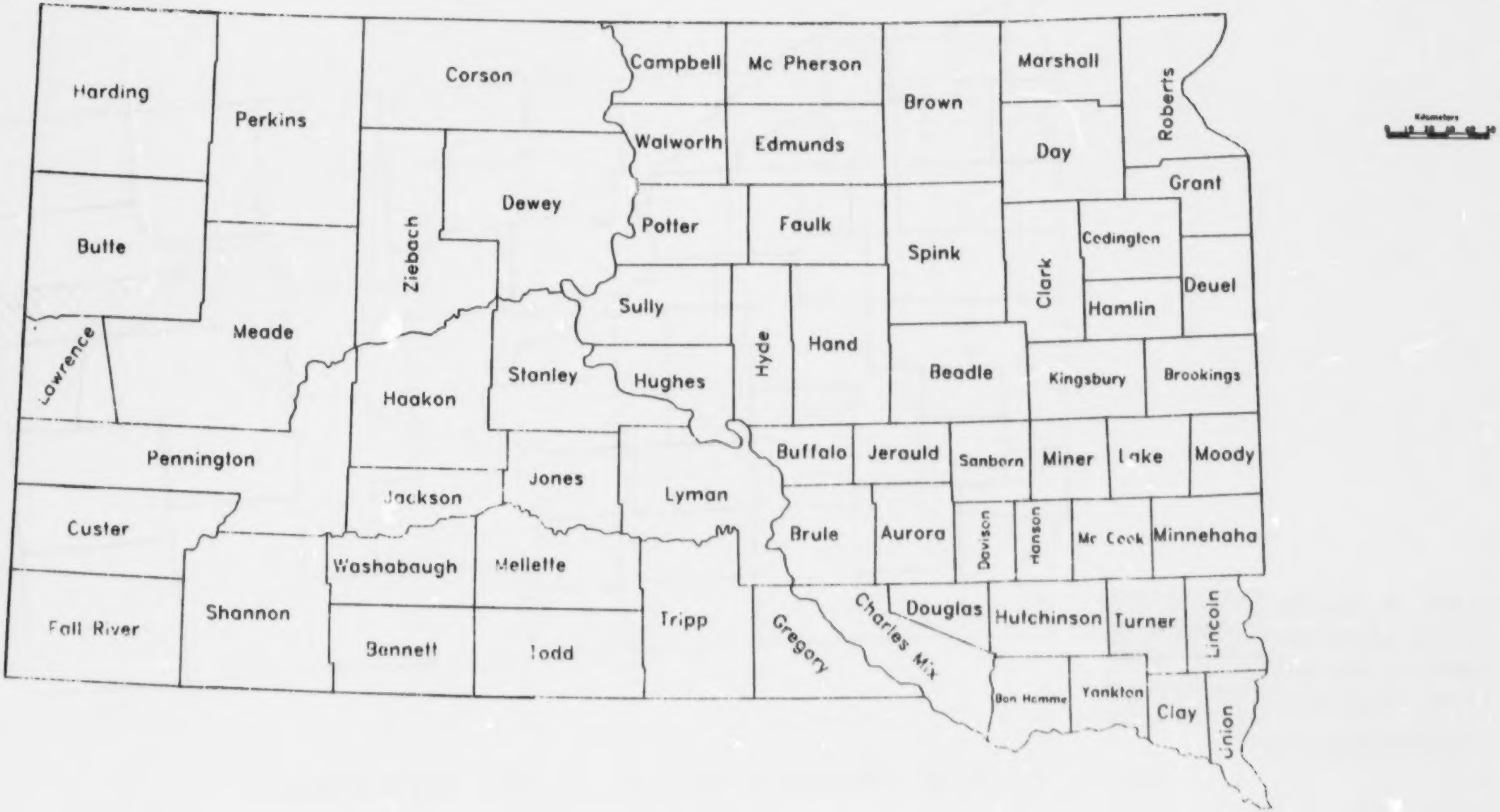
MONTANA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

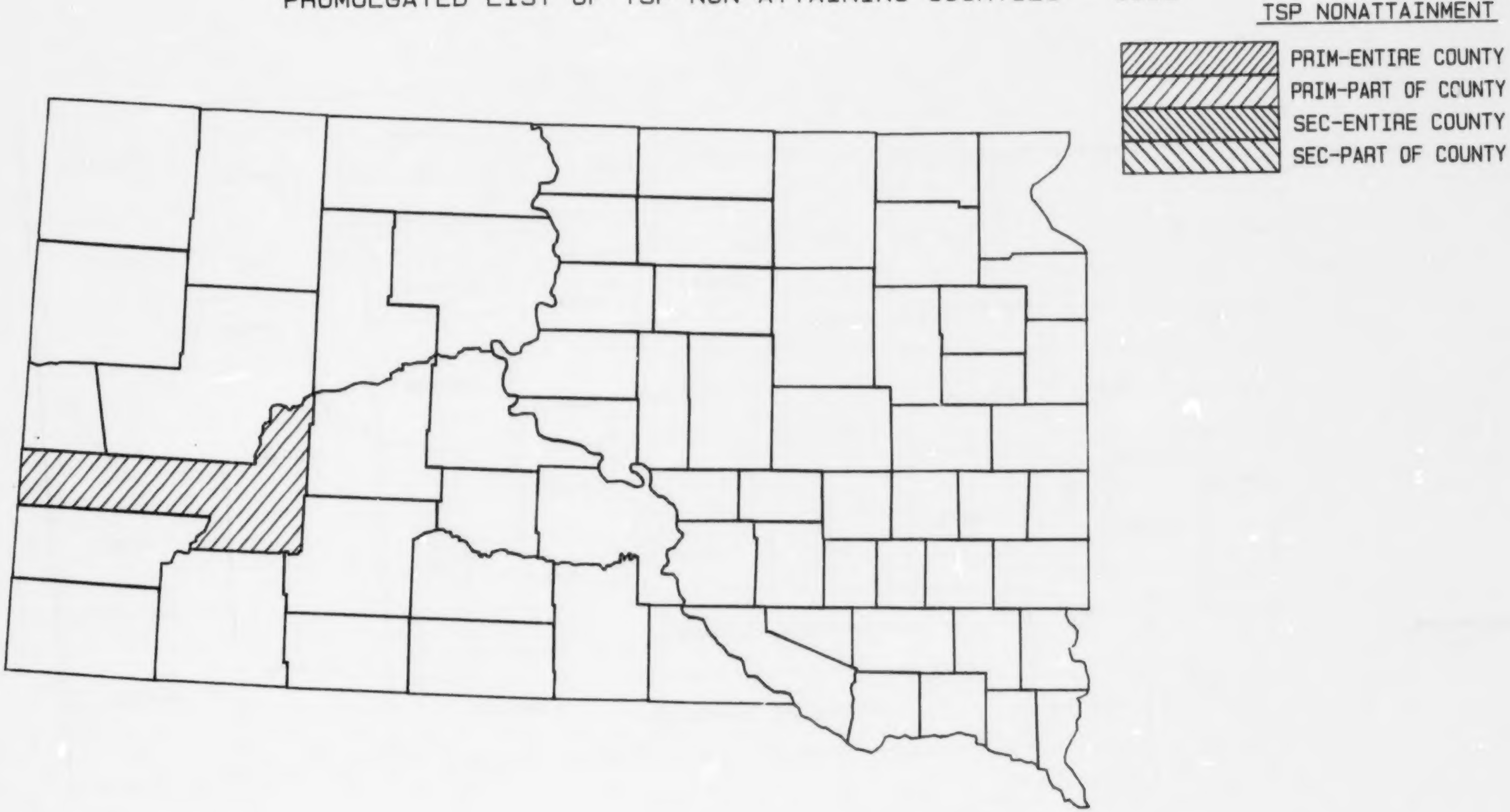
SEPTEMBER 1985

SOUTH DAKOTA


Kilometers
Harding
Perkins
Corson
Campbell
Mc Pherson
Brown
Marshall
Roberts
Walworth
Edmunds
Day
Grant
Dewey
Potter
Faulk
Spink
Clark
Codington
Deuel
Hamlin
Butte
Ziebach
Sully
Hyde
Hand
Beadle
Kingsbury
Brookings
Lawrence
Meade
Stanley
Hughes
Haakon
Buffalo
Jerauld
Sanborn
Miner
Lake
Moody
Pennington
Jones
Lyman
Jackson
Brule
Aurora
Davison
Hanson
Mc Cook
Minnehaha
Custer
Washabaugh
Mellette
Tripp
Gregory
Charles Mix
Douglas
Hutchinson
Turner
Lincoln
Fall River
Shannon
Bennett
Todd
Bon Homme
Yankton
Clay
Union

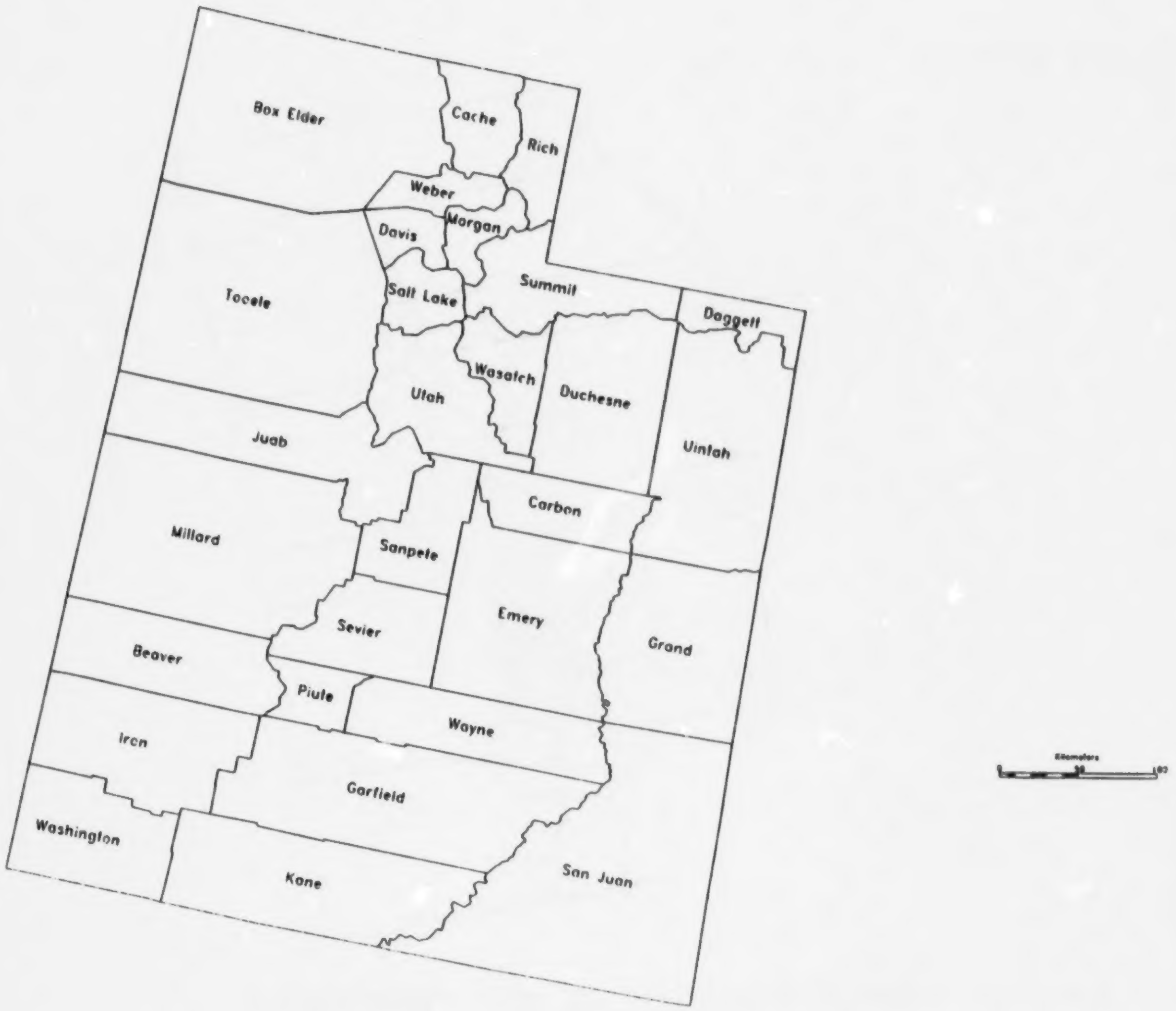
SOUTH DAKOTA

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

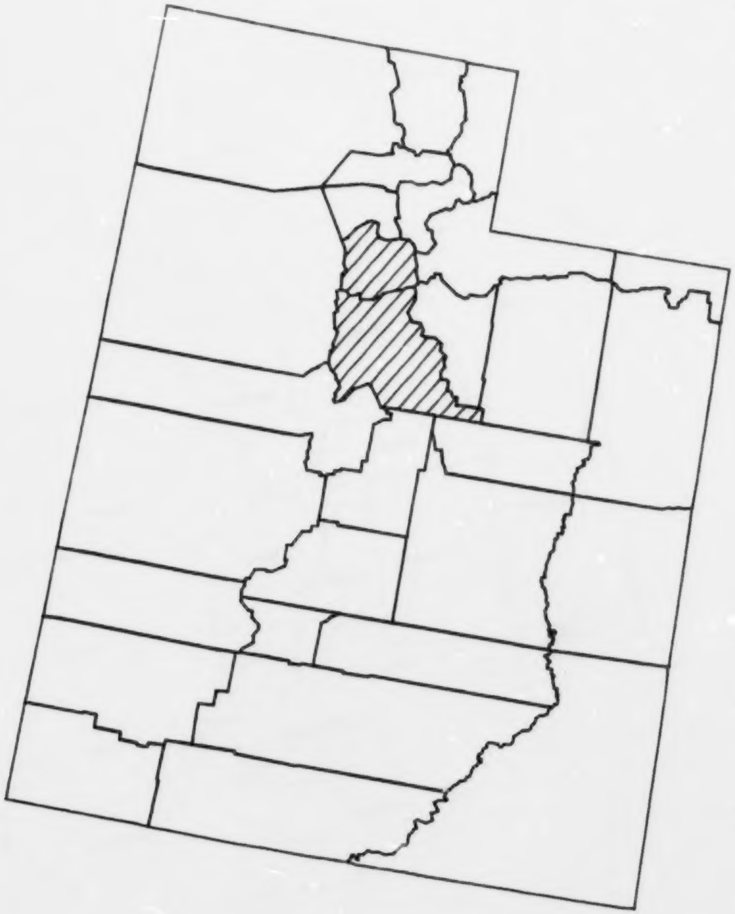
SEPTEMBER 1985

UTAH


Box Elder
Cache
Rich
Weber
Morgan
Davis
Summit
Daggett
Salt Lake
Tooele
Wasatch
Duchesne
Uintah
Utah
Juab
Carbon
Millard
Sanpete
Sevier
Emery
Grand
Beaver
Piute
Wayne
Iron
Garfield
Washington
Kane
San Juan
Kilometers
0
50
100

UTAH

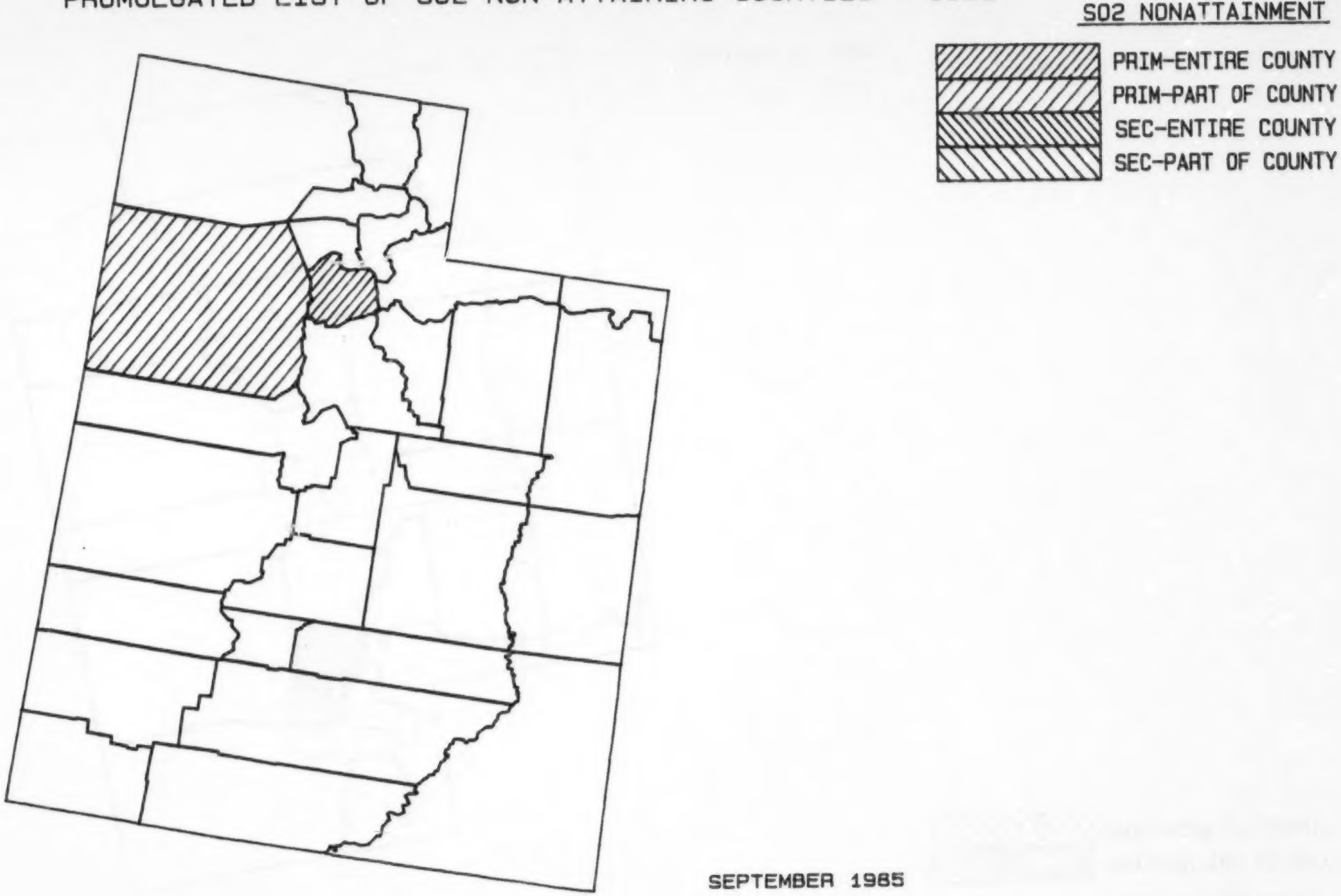
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY

SEPTEMBER 1985

UTAH

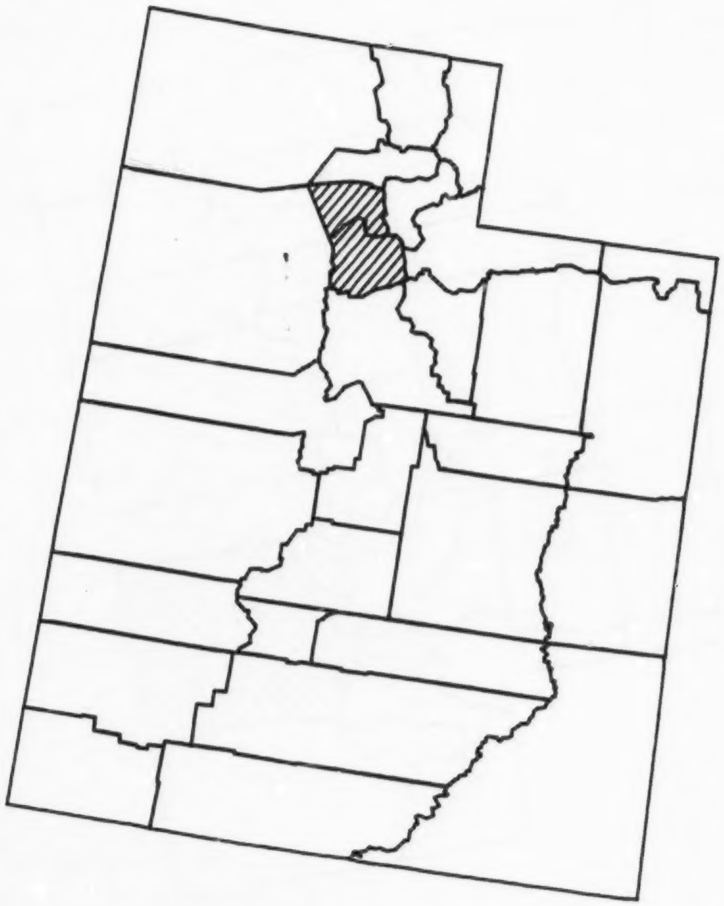
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

UTAH

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985



OX NONATTAINMENT

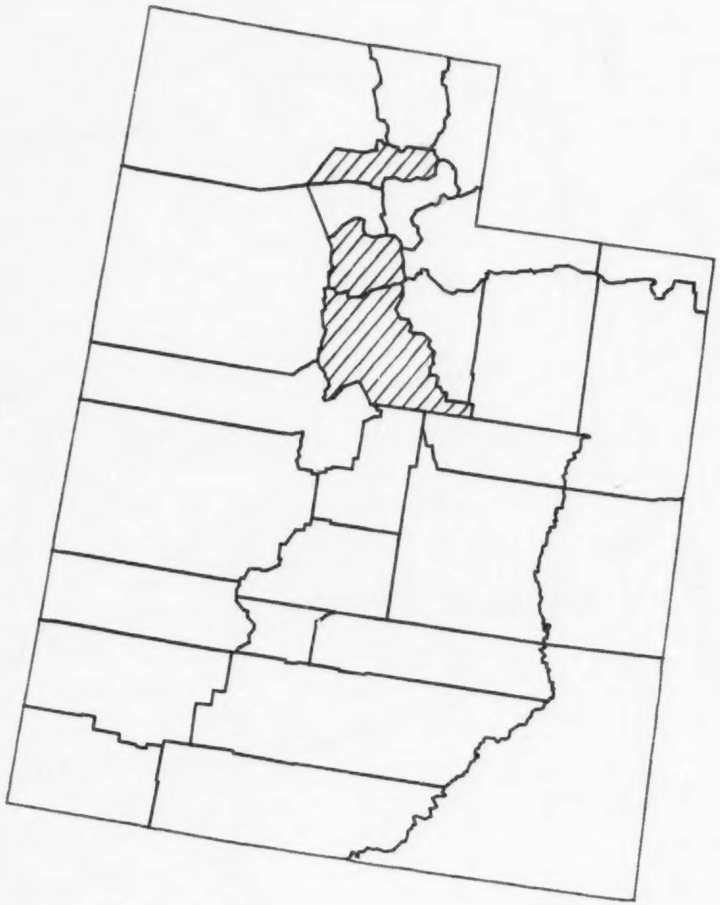
▨ PRIM-ENTIRE COUNTY

▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

UTAH

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985

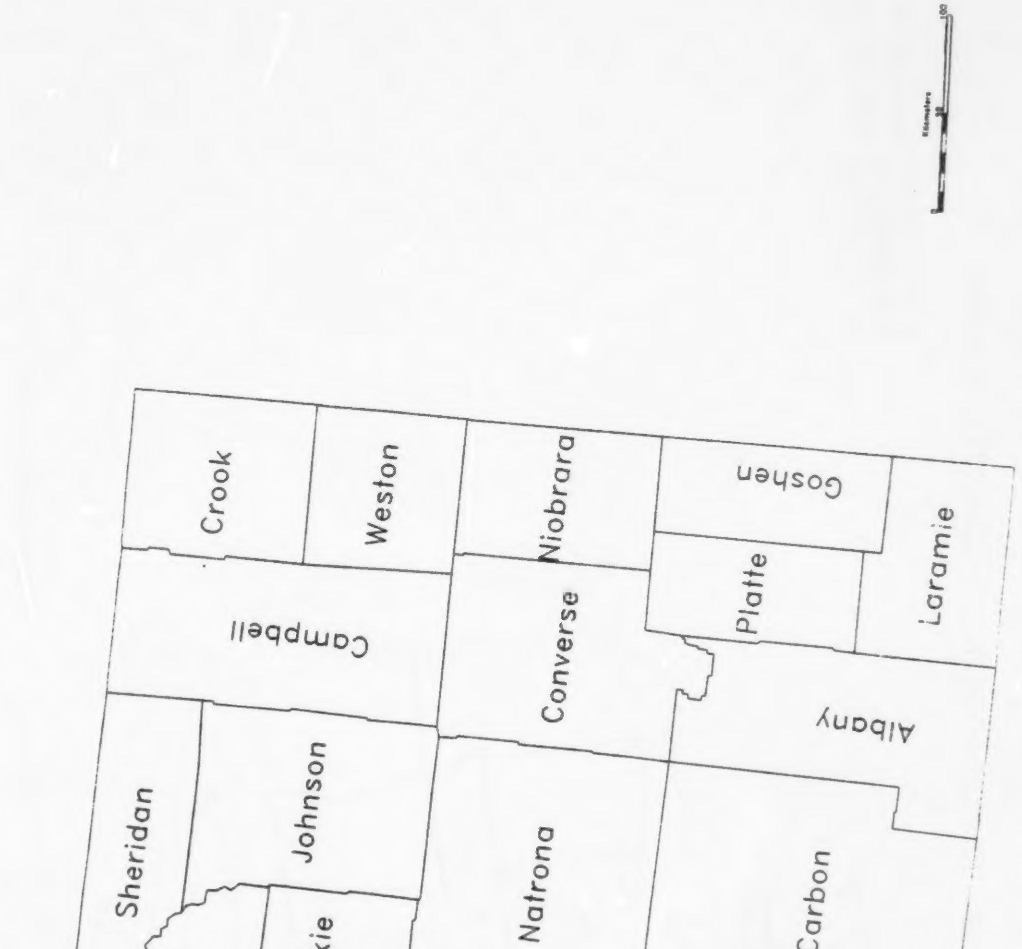


CO NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

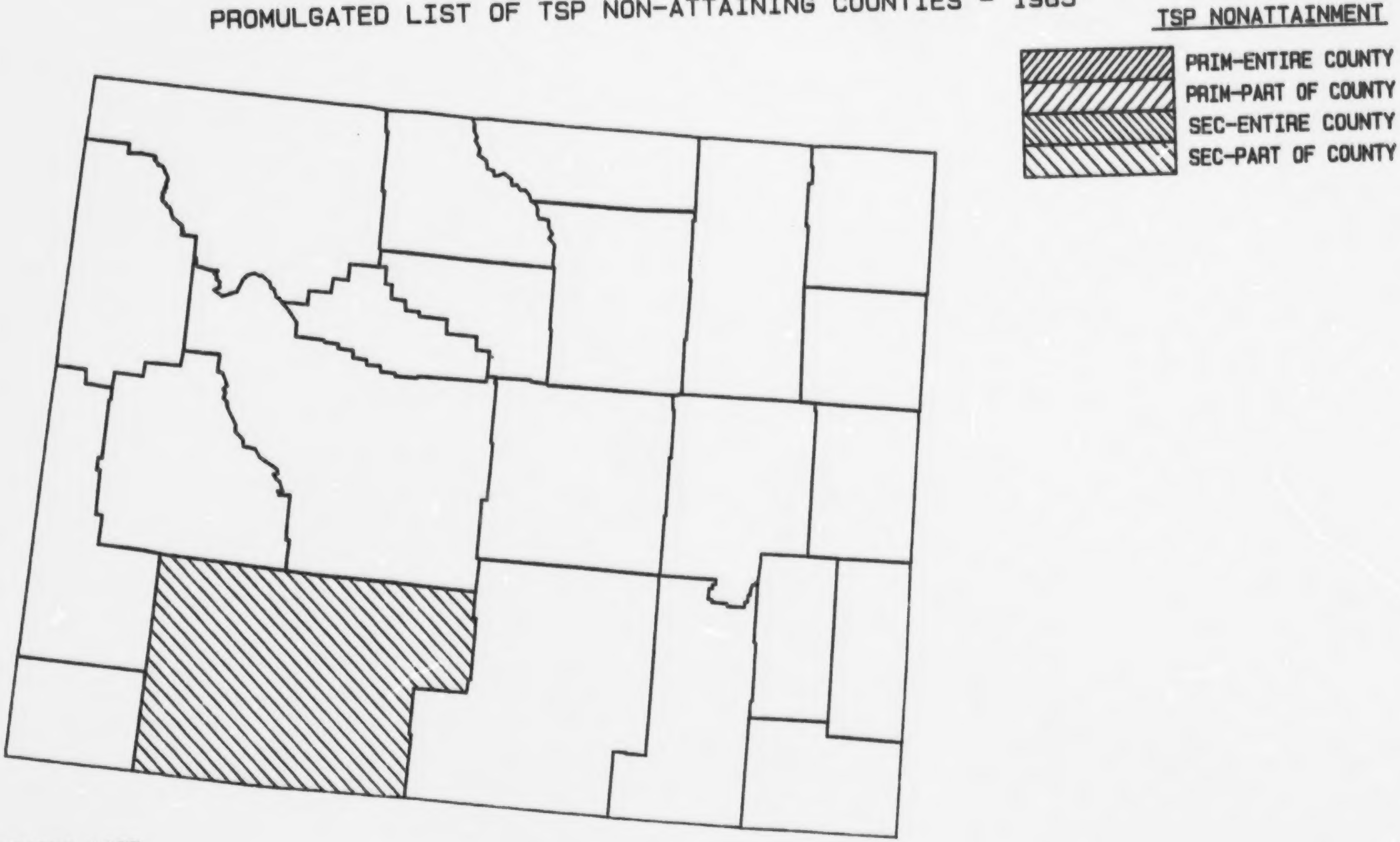
SEPTEMBER 1985

WYOMING


Kilometers
50
100
Crook
Weston
Niobrara
Goshen
Laramie
Platte
Campbell
Converse
Albany
Sheridan
Johnson
Natrona
Carbon
Big Horn
Washakie
Hot Springs
Fremont
Sweetwater
Park
Sublette
Teton
Lincoln
Uinta

WYOMING

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

Region IX

American Samoa, Arizona, California, Guam, Hawaii, Nevada, Northern Mariana Islands

Air Programs Branch
EPA Region IX
215 Fremont Street
San Francisco, California 94105
(415) 974-8058

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR ARIZONA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
COCHISE CO	85586	P		P				
GILA CO	37080	P		P				
GREENLEE CO	11406	P		P				
MARICOPA CO	1509262	P				P		P
NAVAJO CO	67629	P						
PIMA CO	531443	P		P		P		
PINAL CO	90918	P		P				

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR CALIFORNIA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
ALAMEDA CO	1105379					P		W
BUTTE CO	143851					P		W
CONTRA COSTA CO	656380					P		W
EL DORADO CO	85812					P		P
FRESNO CO	514229	W				P		W
IMPERIAL CO	92110							W
KERN CO	403089	P				P		P
KINGS CO	73738	W						W
LOS ANGELES CO	7477503	P				P	P	W
MADERA CO	63116	W						W
MARIN CO	222592					P		W
MERCED CO	134558	W						W
MONTEREY CO	290444							W
NAPA CO	99199					P		W
ORANGE CO	1932709	W				W	W	W
PLACER CO	117247					P		P
RIVERSIDE CO	663199	P				P	P	P
SACRAMENTO CO	783381		W			P		W
SAN BENITO CO	25005							W
SAN BERNARDINO CO	895016	P				P	P	P
SAN DIEGO CO	1361846	P				P		W
SAN FRANCISCO CO	678974					W		W

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR CALIFORNIA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
SAN JOAQUIN CO	347342	W				P		W
SAN LUIS OBISPO CO	155435		P					
SAN MATEO CO	587329					P		W
SANTA BARBARA CO	298694	P				P		P
SANTA CLARA CO	1295071		W			P		W
SANTA CRUZ CO	188141							W
SOLANO CO	235203					P		W
SONOMA CO	299681					P		P
STANISLAUS CO	265900	W				P		W
SUTTER CO	52246							W
TULARE CO	245738	W						W
VENTURA CO	529174	P						P
YOLO CO	113374							W
YUBA CO	49733							W

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR HAWAII

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
HONOLULU CO	762565			P				
MAUI CO	70847	P		P				

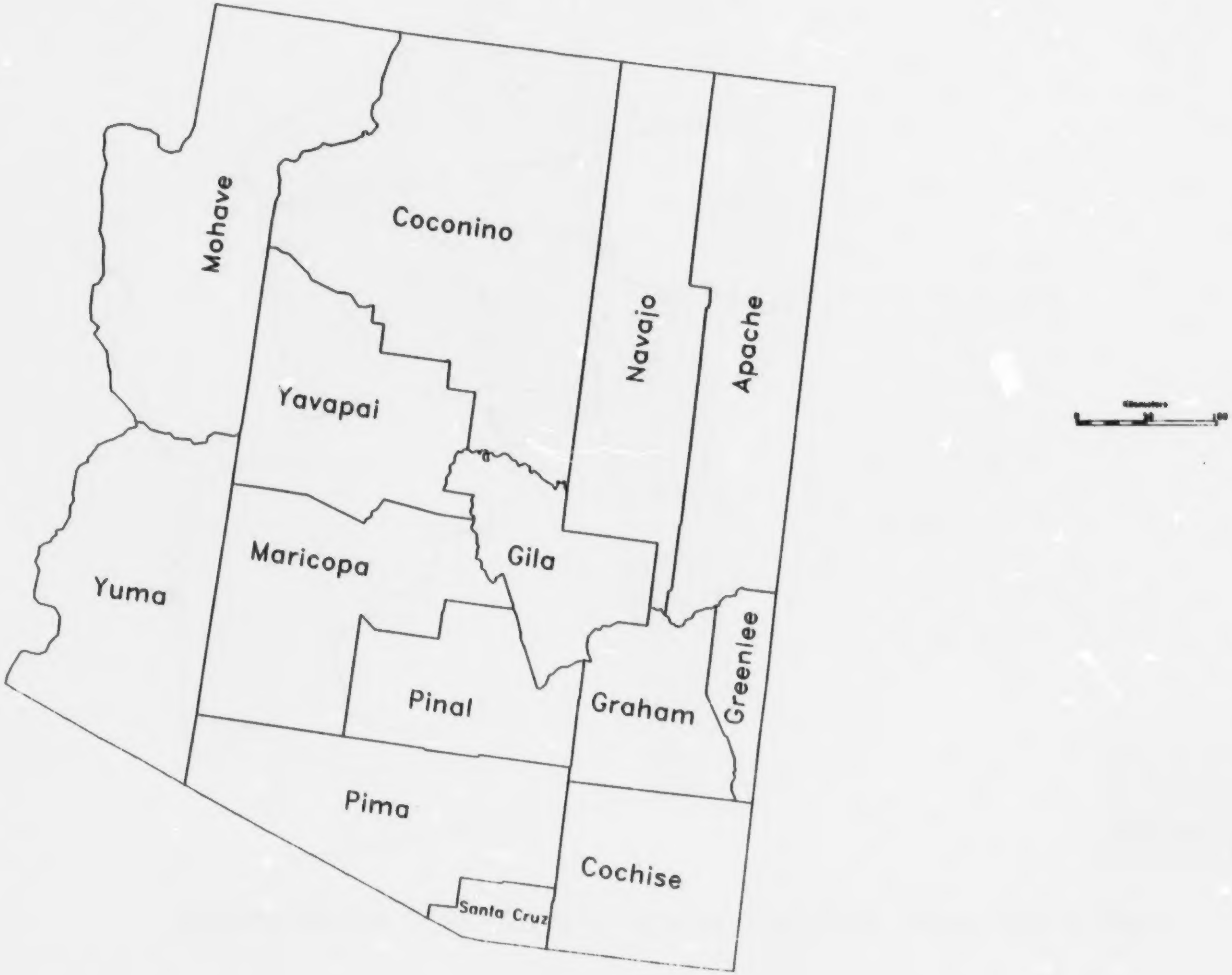
COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR NEVADA

COUNTY	POPULATION	TSP PRIM	TSP SEC	SO2 PRIM	SO2 SEC	CO	NO2	OZ
CHURCHILL CO	13917	P						
CLARK CO	463087	P				P		P
DOUGLAS CO	19421					P		
ELKO CO	17269		P					
EUREKA CO	1198		P					
HUMBOLDT CO	9434	P	P					
LANDER CO	4076		P					
LYON CO	13594	P						
MINERAL CO	6217	P						
STOREY CO	1503	P						
WASHOE CO	193623	P				P		
WHITE PINE CO	8167			P				
CARSON CITY	32022					P		

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

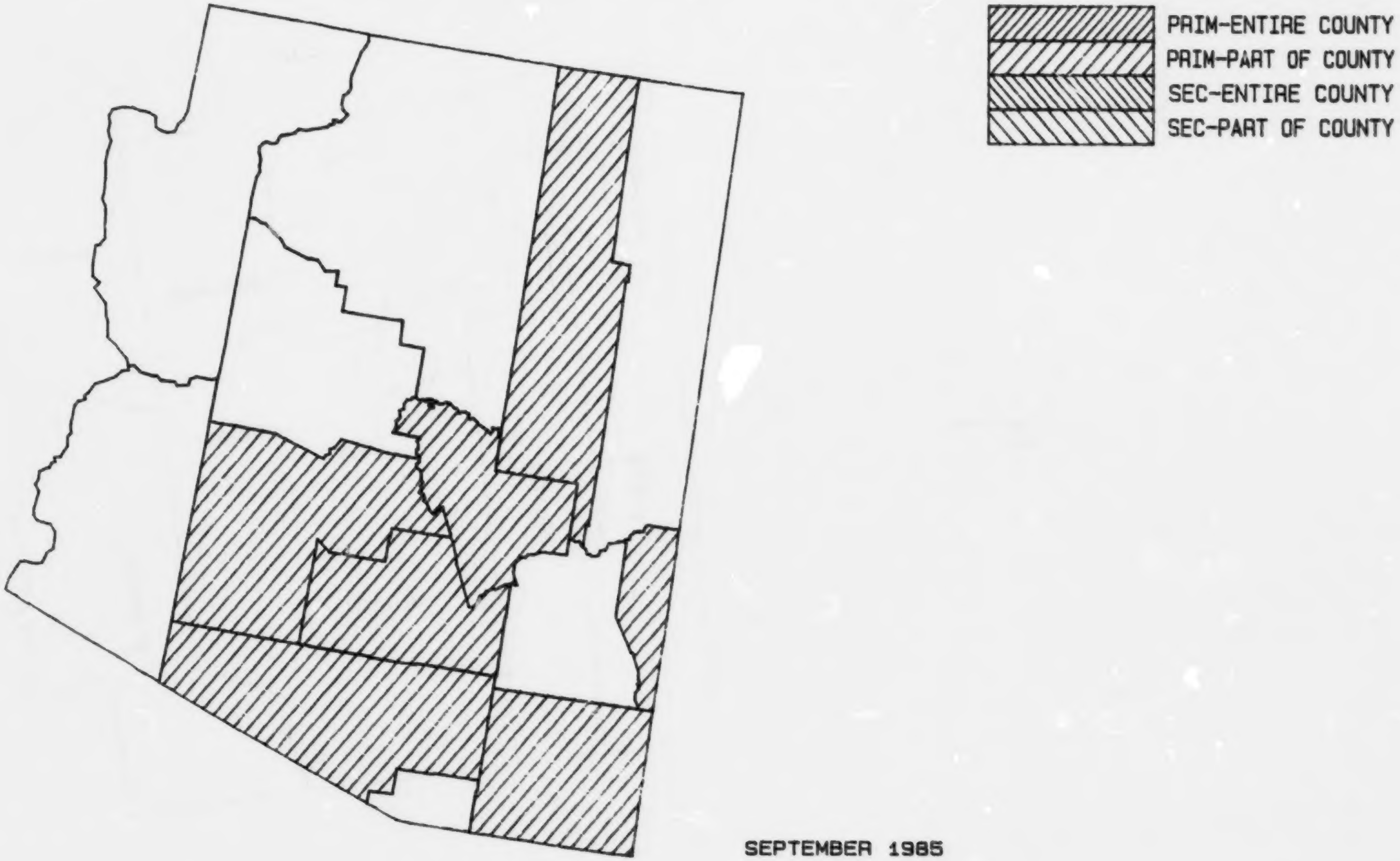
ARIZONA



Mohave
Coconino
Navajo
Apache
Yavapai
Gila
Maricopa
Yuma
Pinal
Graham
Greenlee
Pima
Cochise
Santa Cruz

ARIZONA

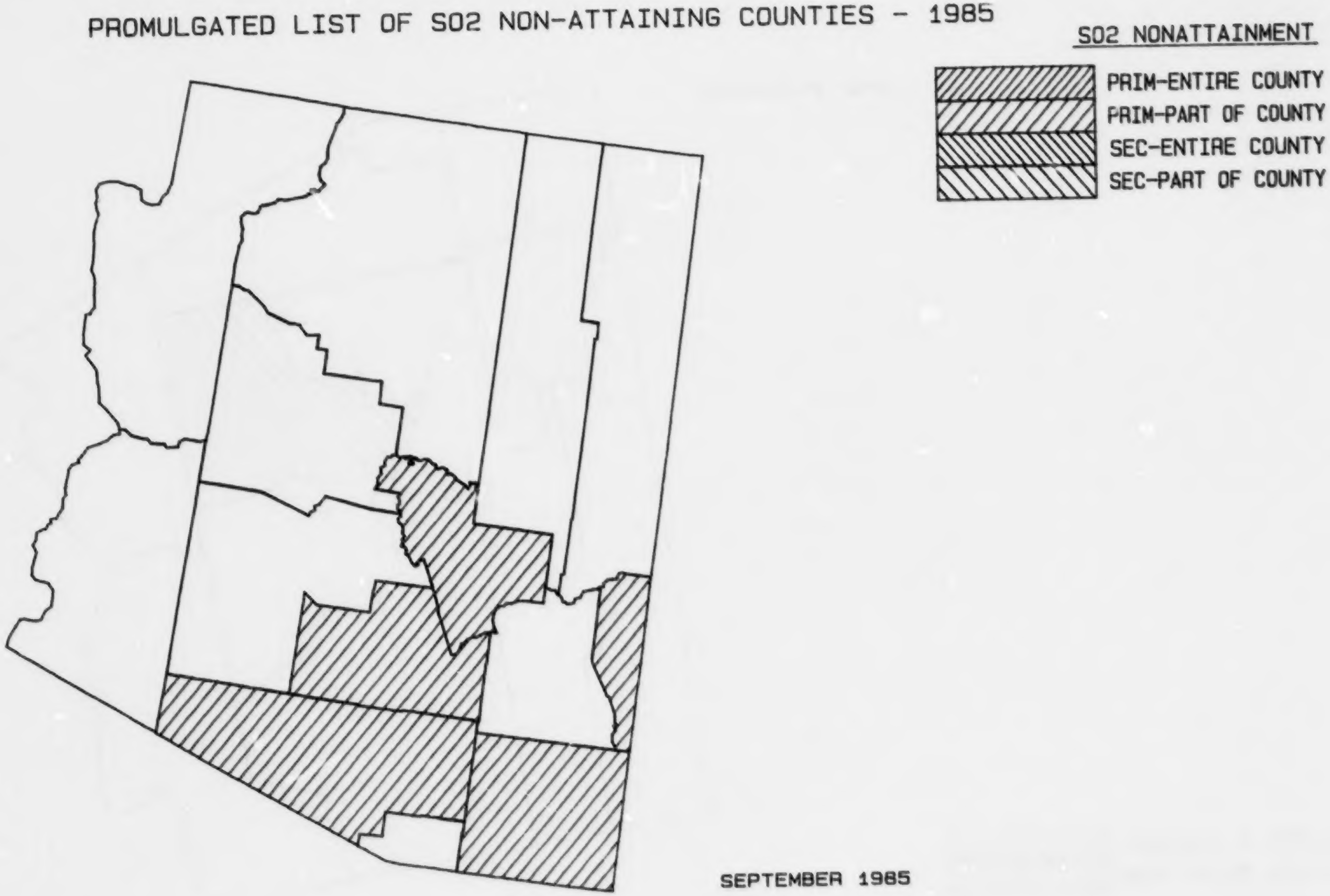
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

ARIZONA

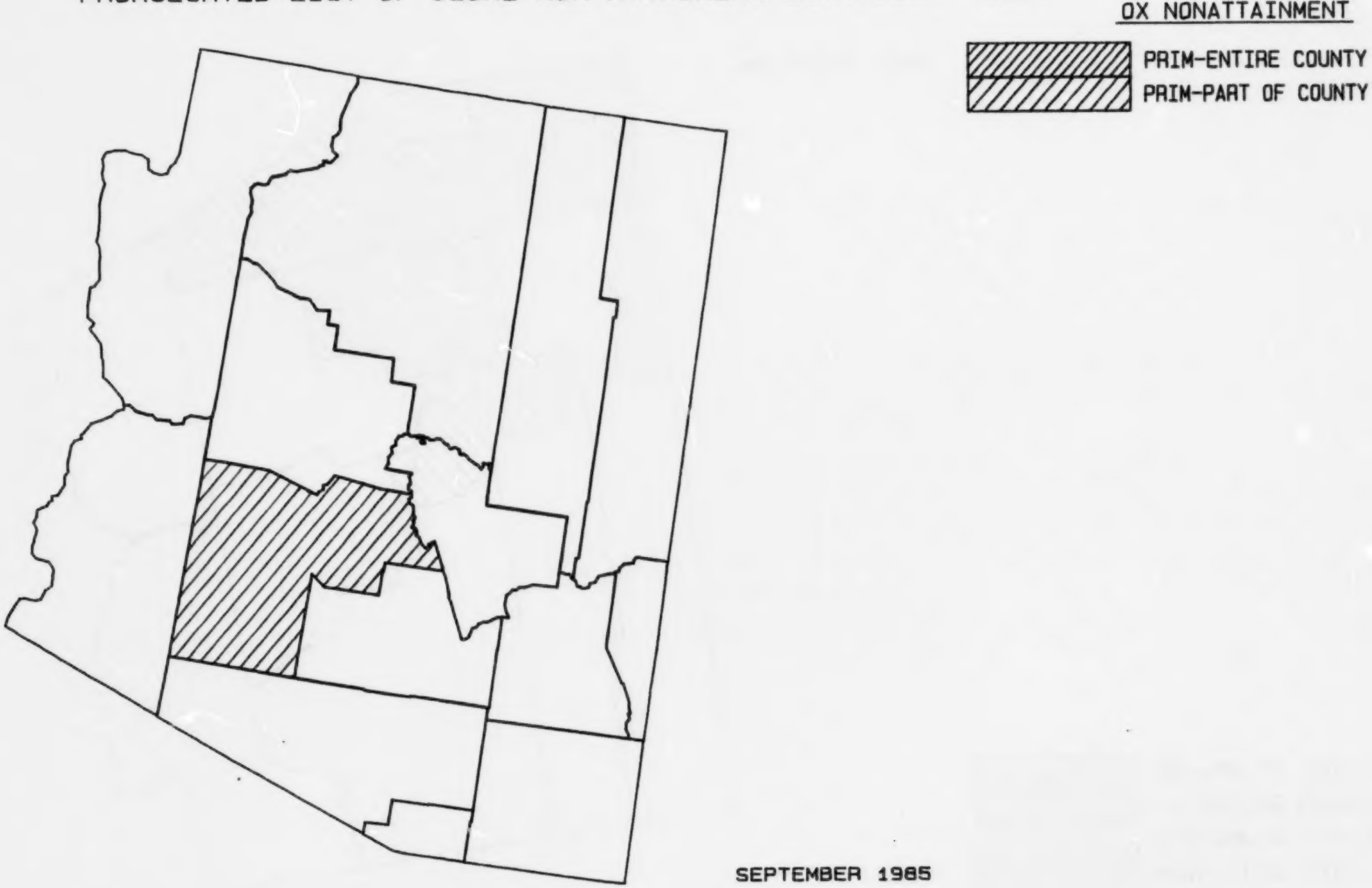
PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

ARIZONA

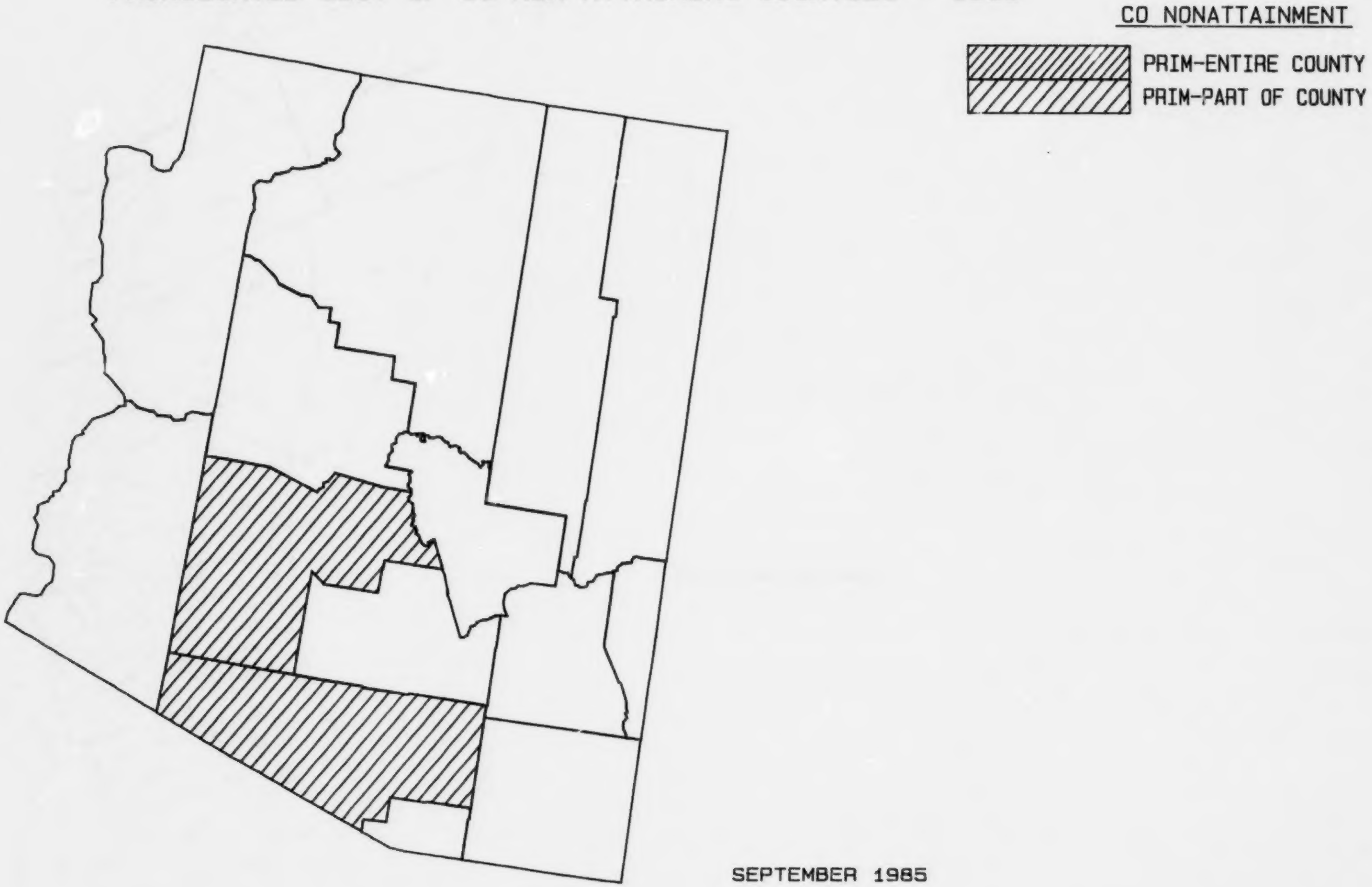
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

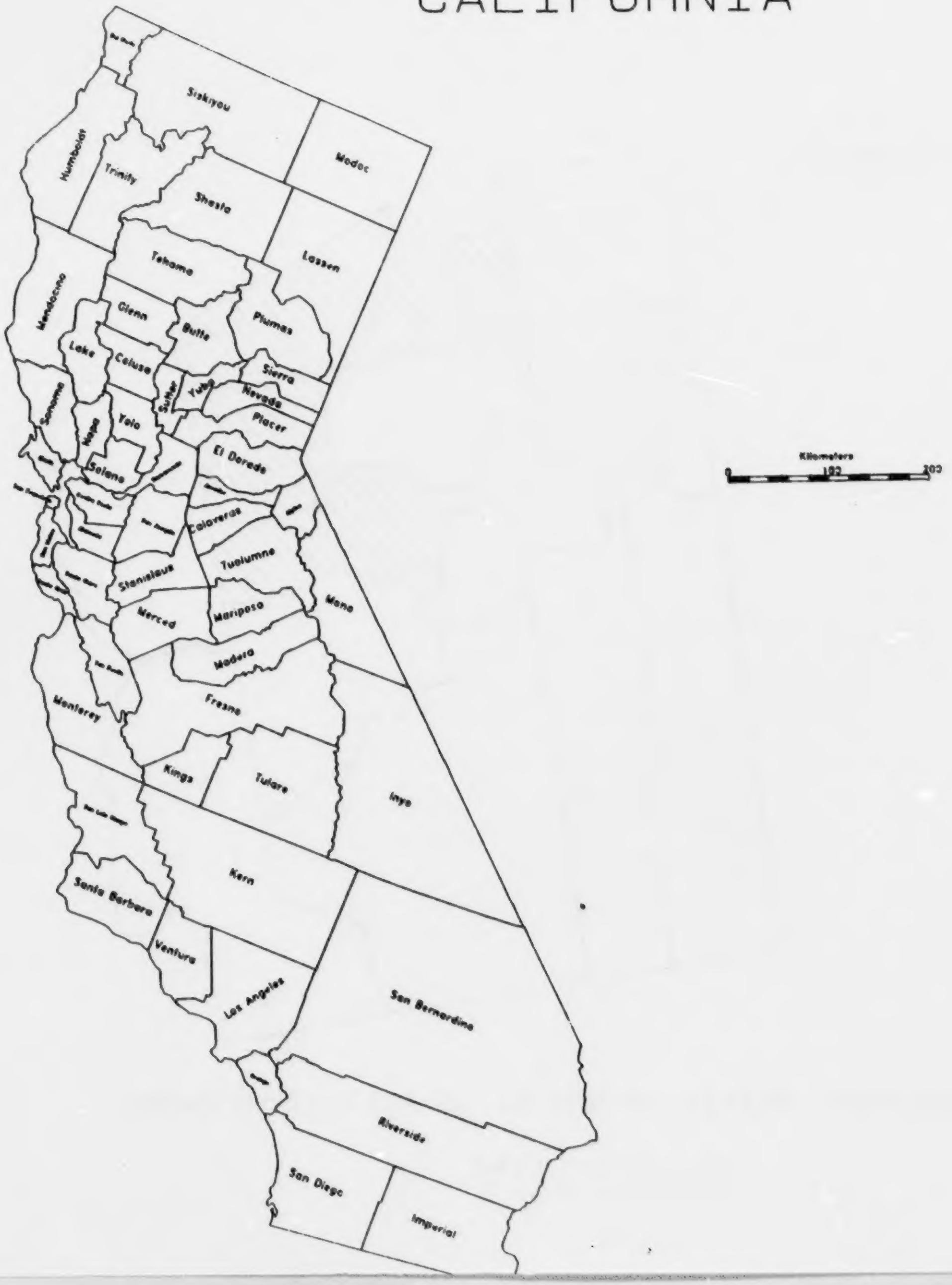
ARIZONA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

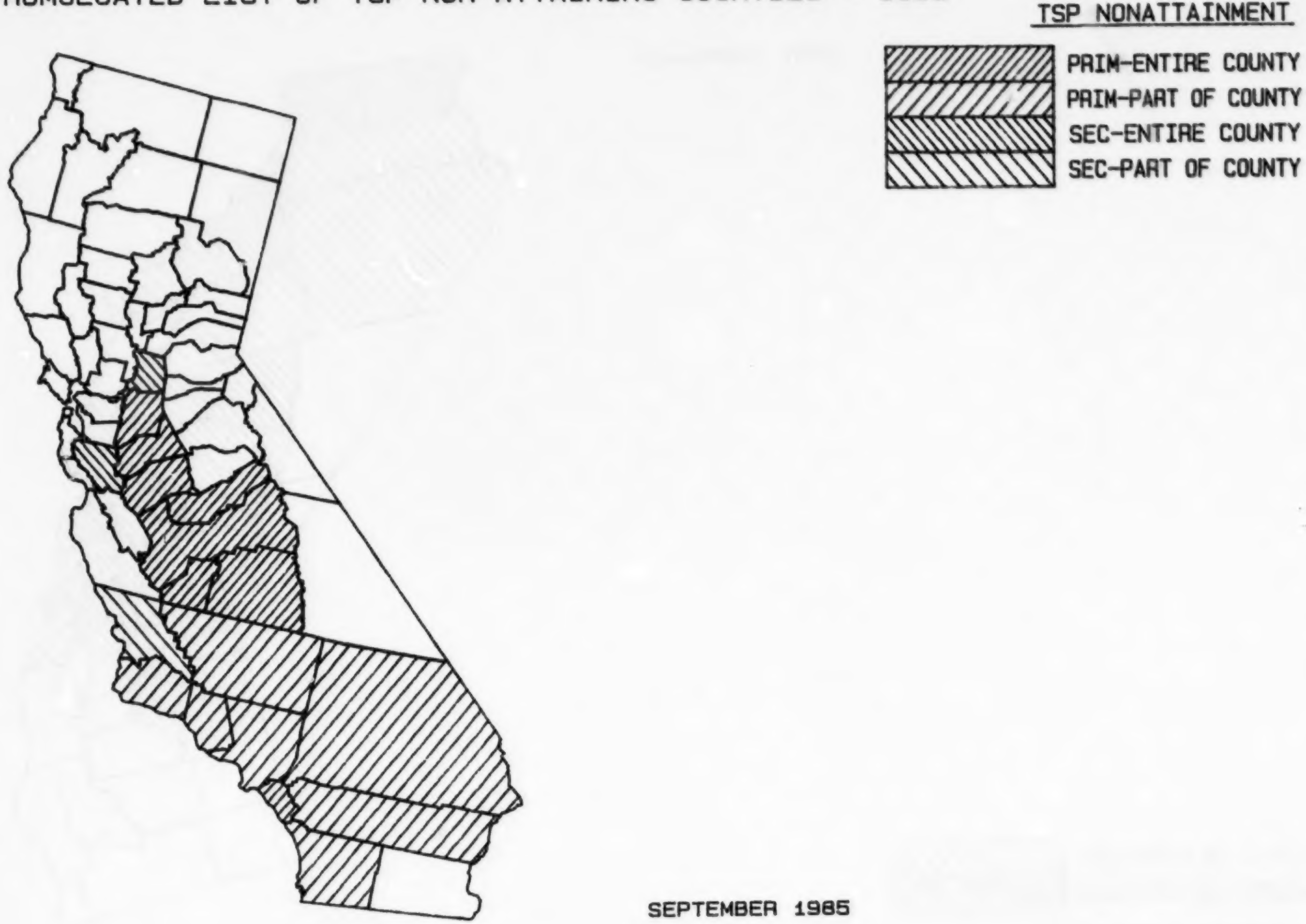
SEPTEMBER 1985

CALIFORNIA


Siskiyou
Modoc
Humboldt
Trinity
Shasta
Lassen
Tehama
Mendocino
Glenn
Butte
Plumas
Lake
Colusa
Sierra
Sutter
Yuba
Nevada
Sonoma
Yolo
Napa
Placer
Solano
El Dorado
Calaveras
Tuolumne
Stanislaus
Mono
Merced
Mariposa
Madera
Fresno
Monterey
Kings
Tulare
Inyo
Kern
Santa Barbara
Ventura
Los Angeles
San Bernardino
Riverside
San Diego
Imperial
Kilometers
0
100
200

CALIFORNIA

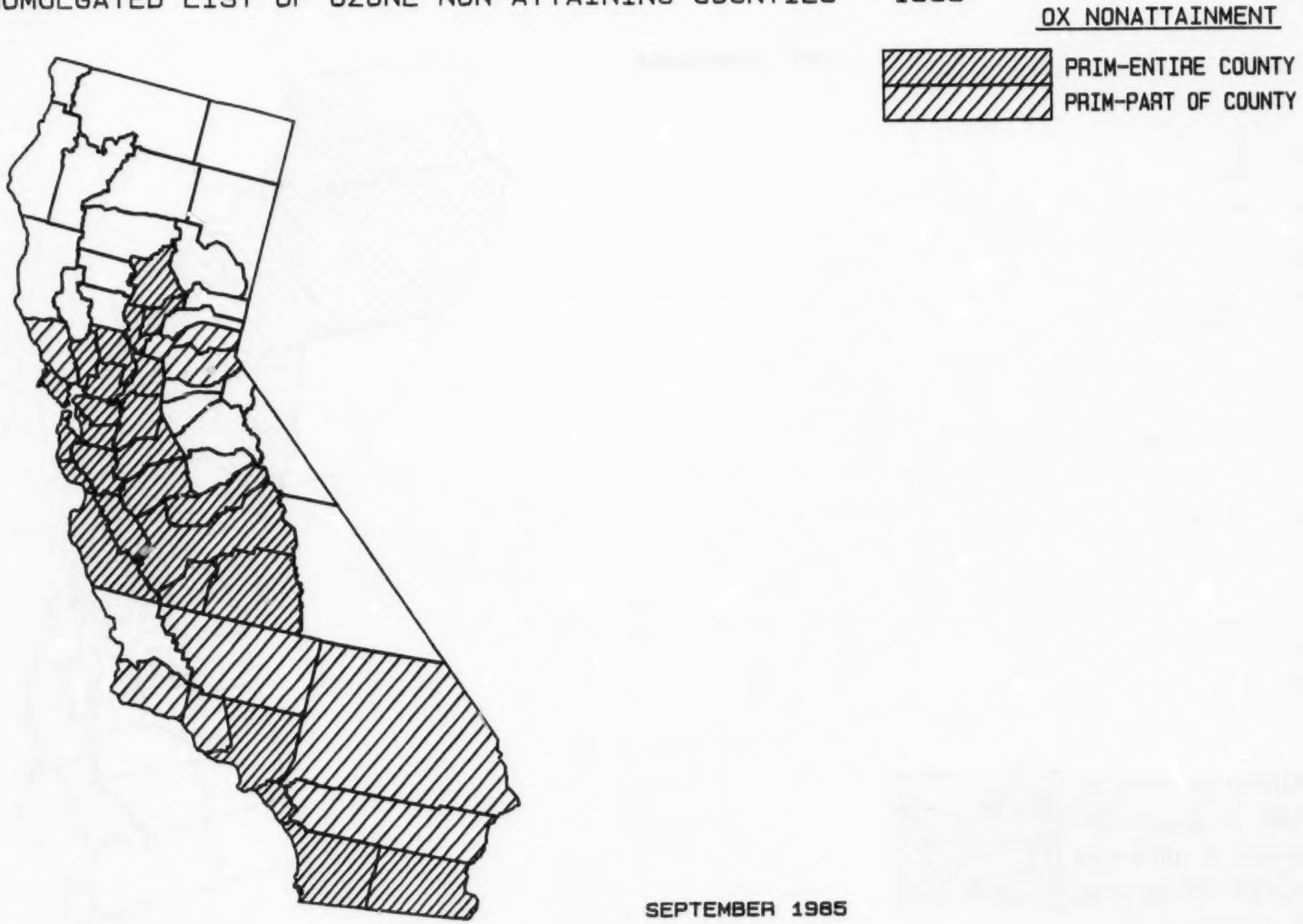
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

CALIFORNIA

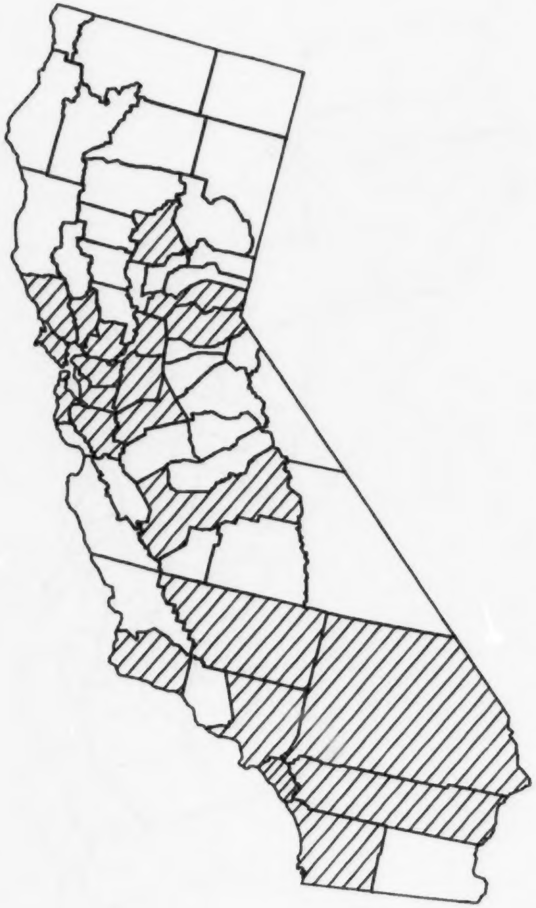
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

CALIFORNIA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985



CO NONATTAINMENT

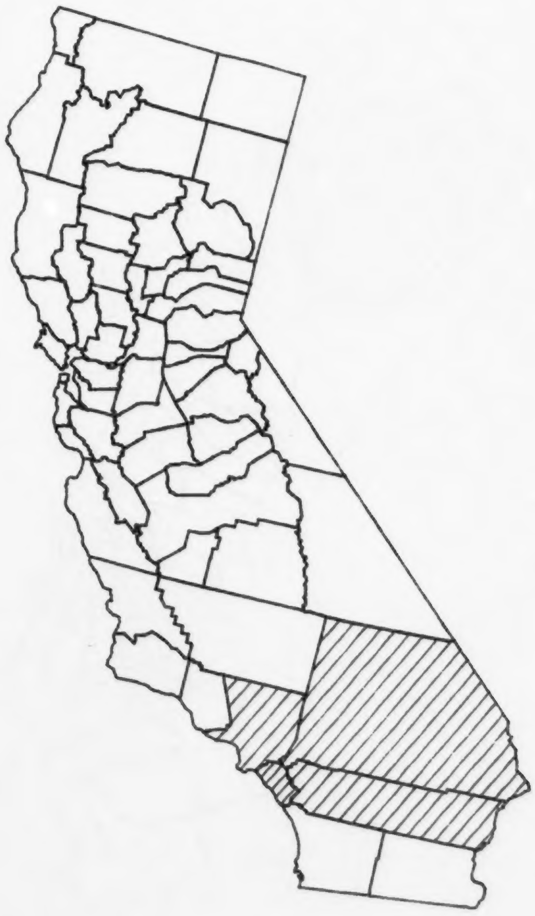
▨ PRIM-ENTIRE COUNTY

▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

CALIFORNIA

PROMULGATED LIST OF NO2 NON-ATTAINING COUNTIES - 1985



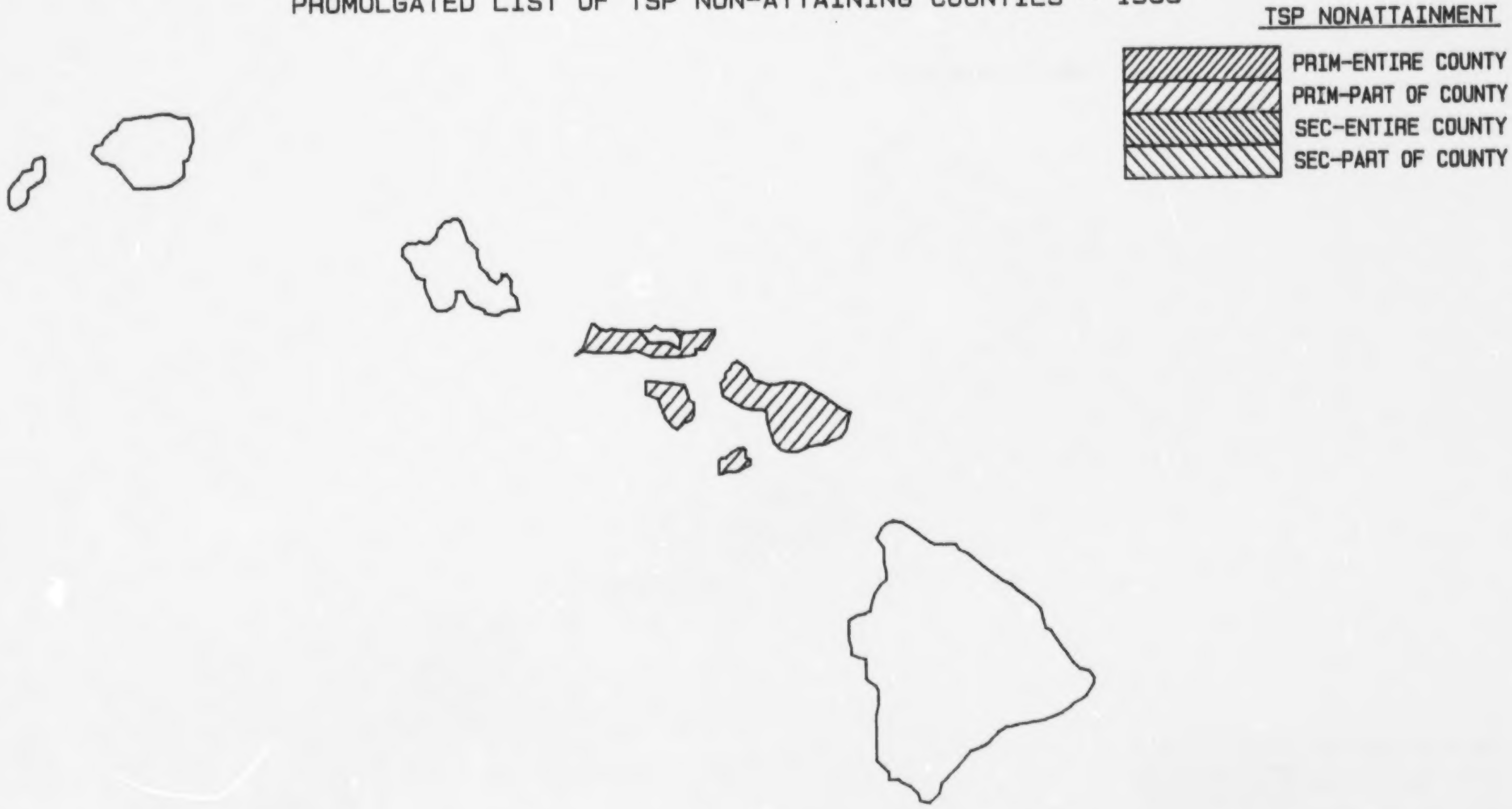
NO2 NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

HAWAII

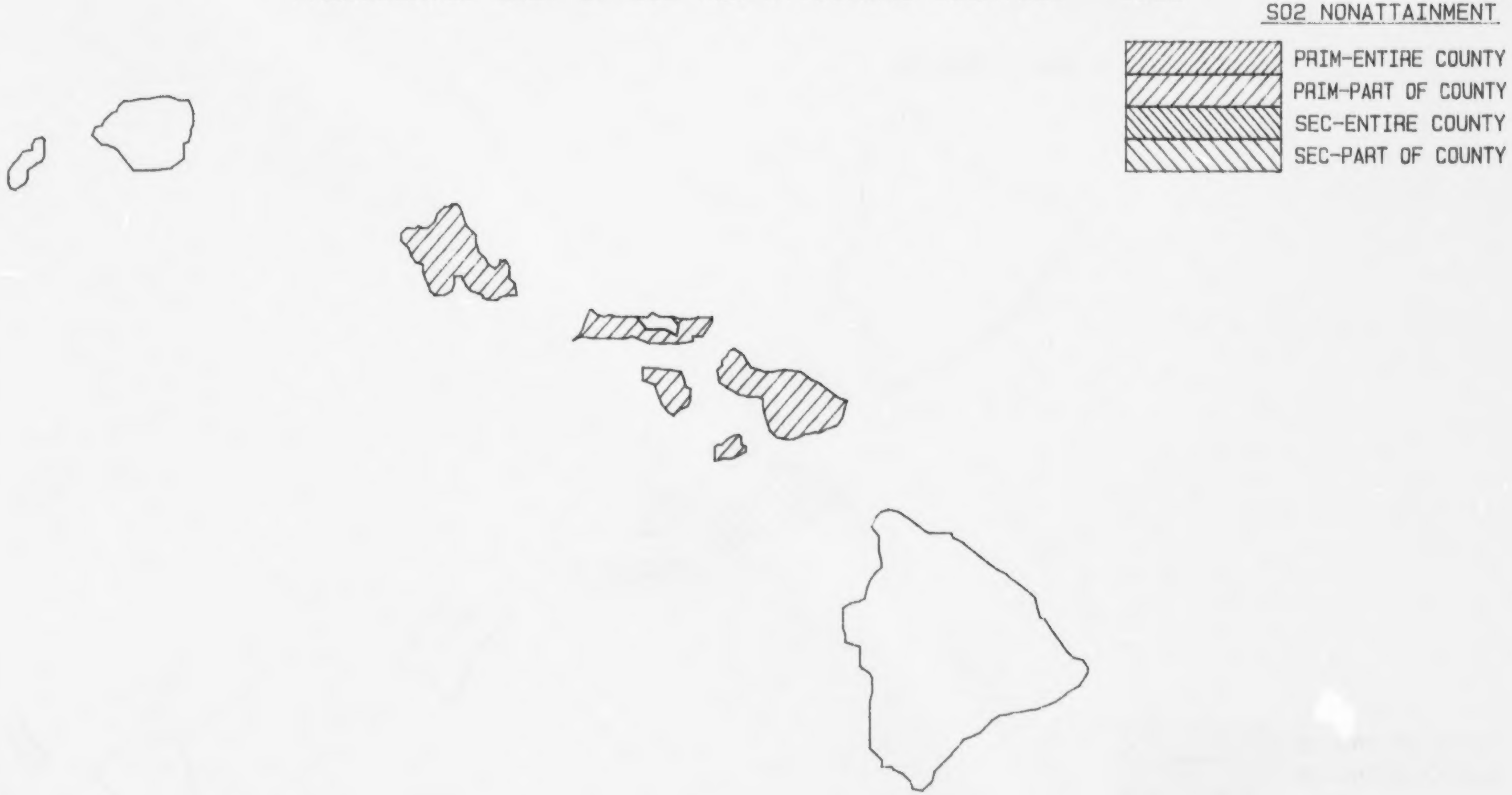
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

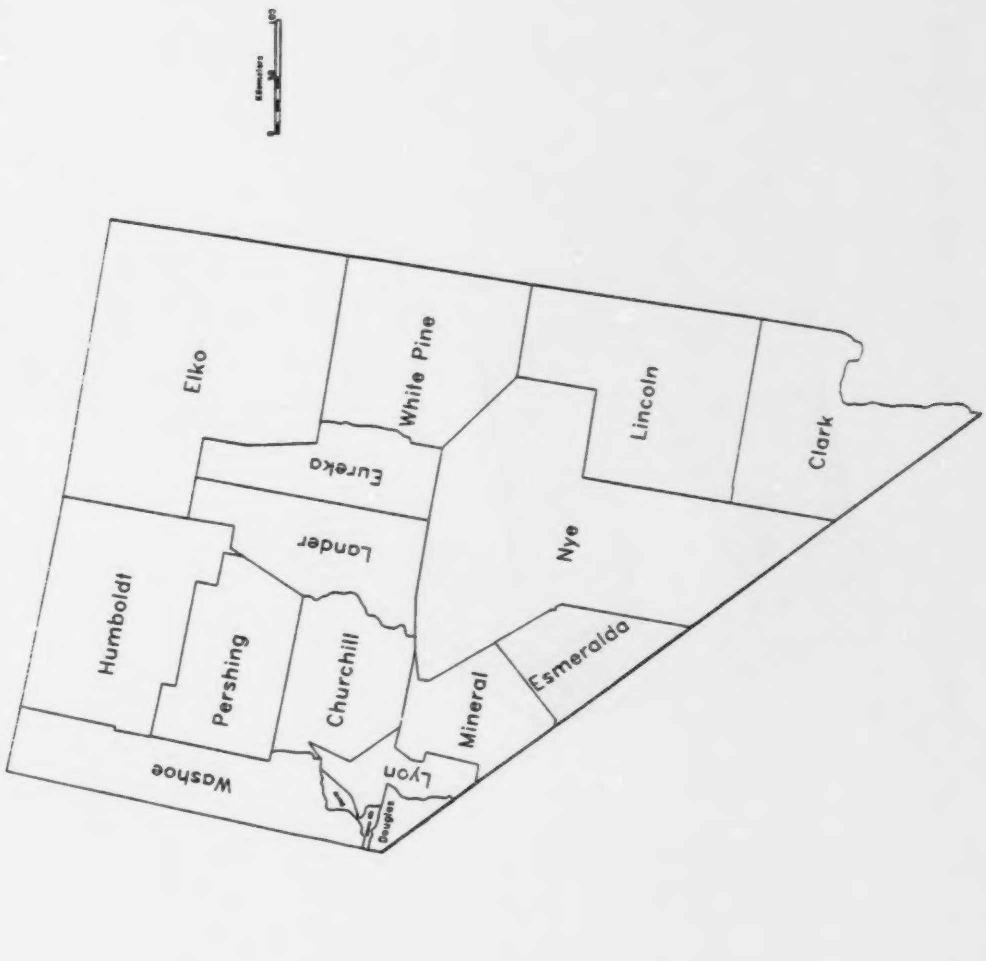
HAWAII

PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985


SO2 NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

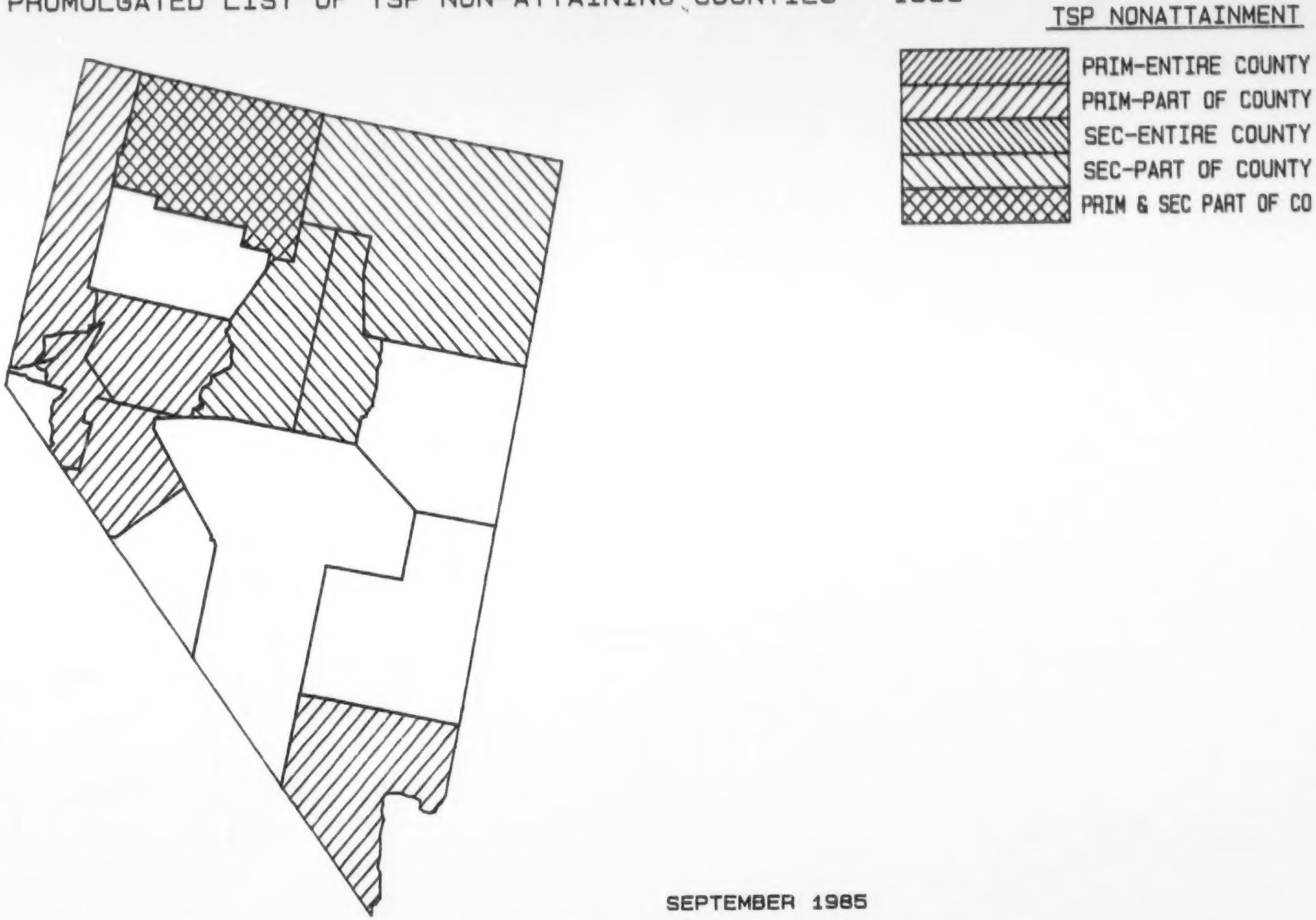
SEPTEMBER 1985

NEVADA


Elko
White Pine
Eureka
Lincoln
Clark
Lander
Humboldt
Nye
Pershing
Churchill
Esmeralda
Mineral
Washoe
Lyon
Douglas

NEVADA

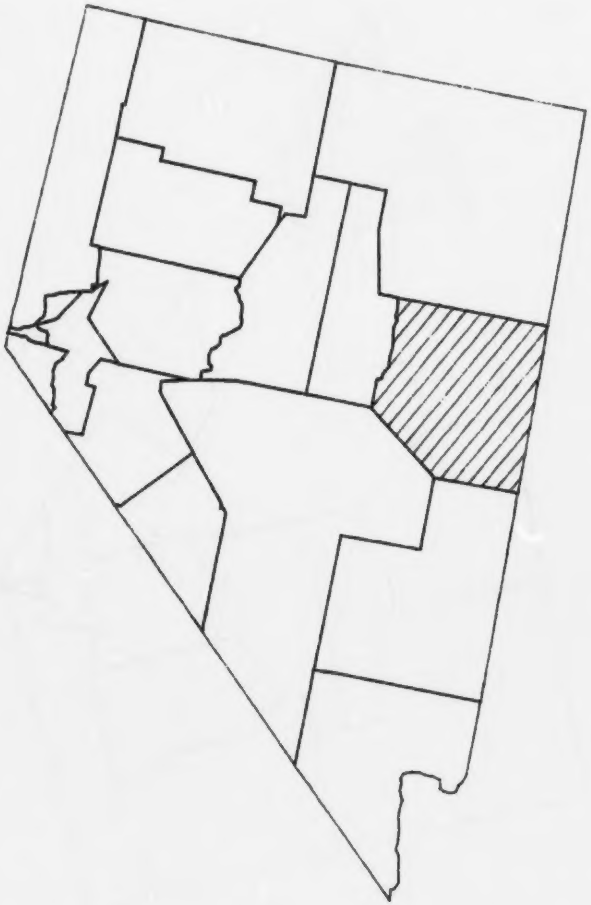
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC PART OF CO

SEPTEMBER 1985

NEVADA

PROMULGATED LIST OF SO2 NON-ATTAINING COUNTIES - 1985



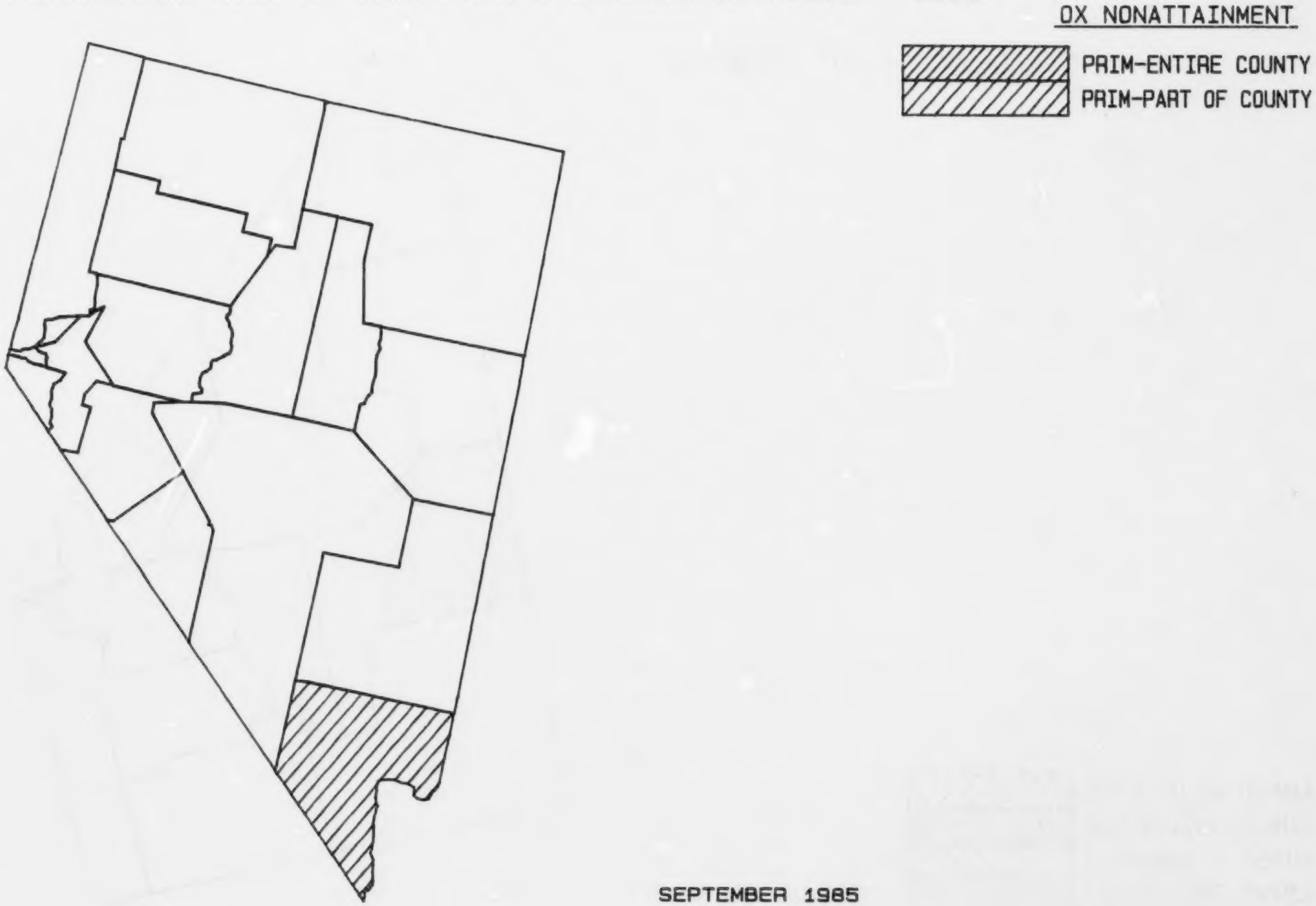
SO2 NONATTAINMENT

- ▨ PRIM-ENTIRE COUNTY
- ▨ PRIM-PART OF COUNTY
- ▨ SEC-ENTIRE COUNTY
- ▨ SEC-PART OF COUNTY

SEPTEMBER 1985

NEVADA

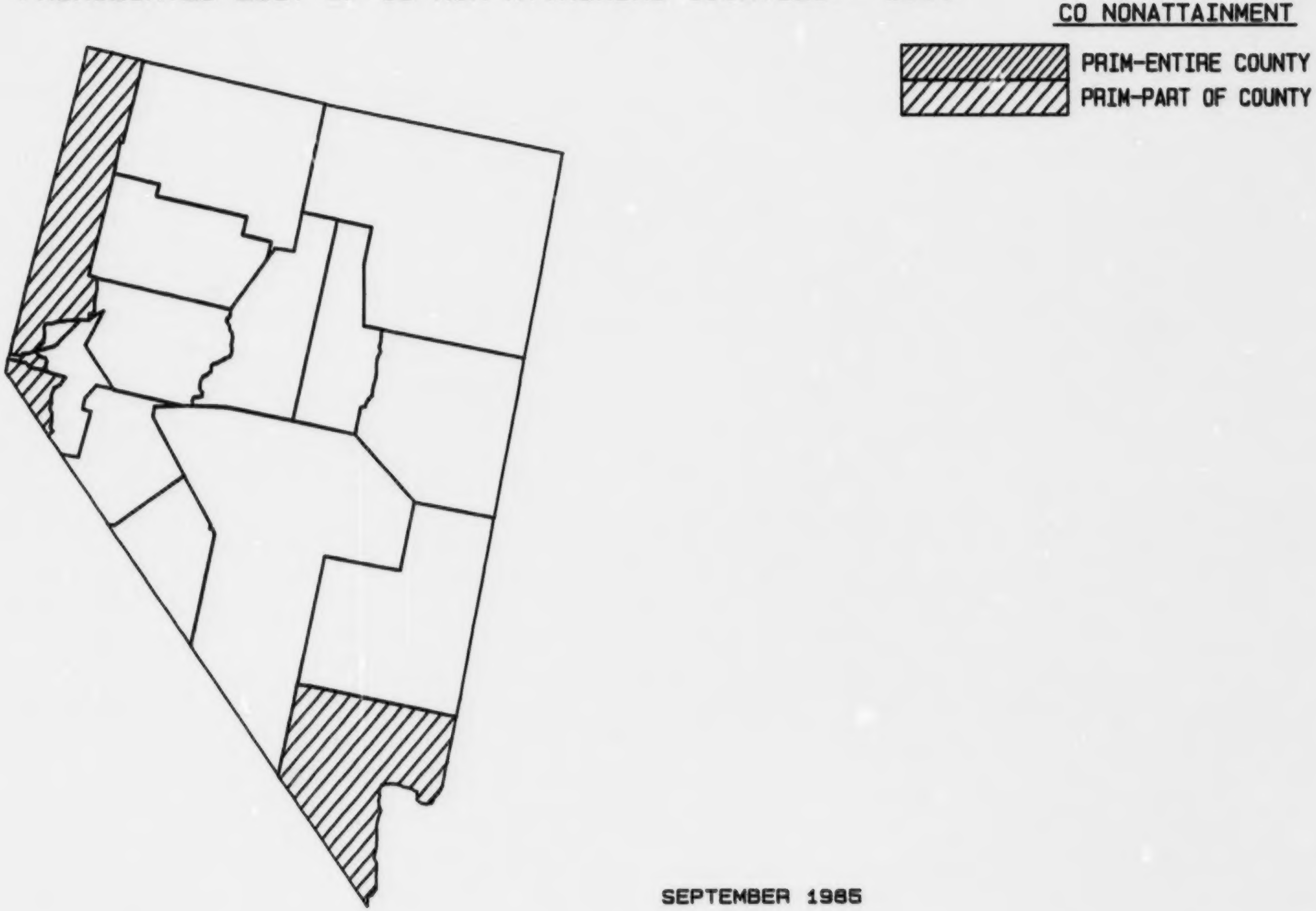
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

NEVADA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

Region X

Alaska, Idaho, Oregon, Washington

Air Programs Branch
EPA Region X
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-4198

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR ALASKA

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
ANCHORAGE ED	174431					P		
FAIRBANKS ED	53983					P		

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR IDAHO

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
ADA CO	173836					P		
BANNOCK CO	65421	P						
CARIBOU CO	8695	P						
NEZ PERCE CO	33220		P					
POWER CO	6844	P						

COUNTIES NOT MEETING THE NATIONAL AMBIENT AIR QUALITY STANDARDS FOR OREGON

COUNTY	POPULATION	TSP		SO2		CO	NO2	OZ
		PRIM	SEC	PRIM	SEC			
CLACKAMAS CO	241911		P					P
JACKSON CO	132456	P				P		P
LANE CO	275226		P			P		
MARION CO	204692					P		P
MULTNOMAH CO	562640		P			P		P
POLK CO	45203					P		P
WASHINGTON CO	245860		P					P

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

AS OF SEPTEMBER 1985

COUNTIES NOT MEETING THE
NATIONAL AMBIENT AIR QUALITY STANDARDS
FOR
WASHINGTON

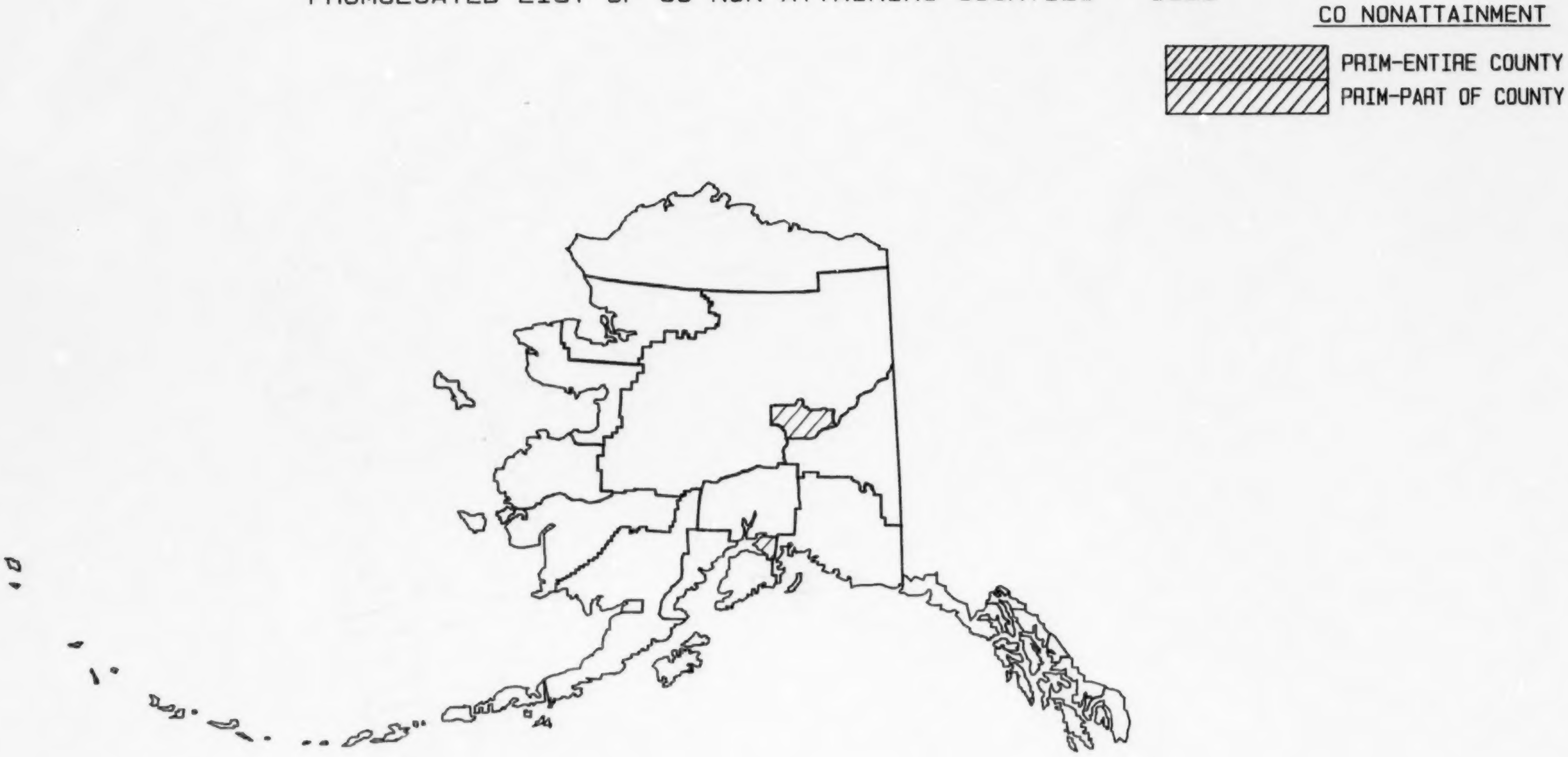
		TSP		SO2				
COUNTY	POPULATION	PRIM	SEC	PRIM	SEC	CO	NO2	OZ
ASOTIN CO	16823		P					
CLARK CO	192227	P						P
COWLITZ CO	79548		P					
KING CO	1269749	P	P			P		P
PIERCE CO	485667	P				P		P
SNOHOMISH CO	337720							P
SPOKANE CO	341835	P				P		
YAKIMA CO	172508					P		

P = PART OF THE COUNTY

W = THE WHOLE COUNTY

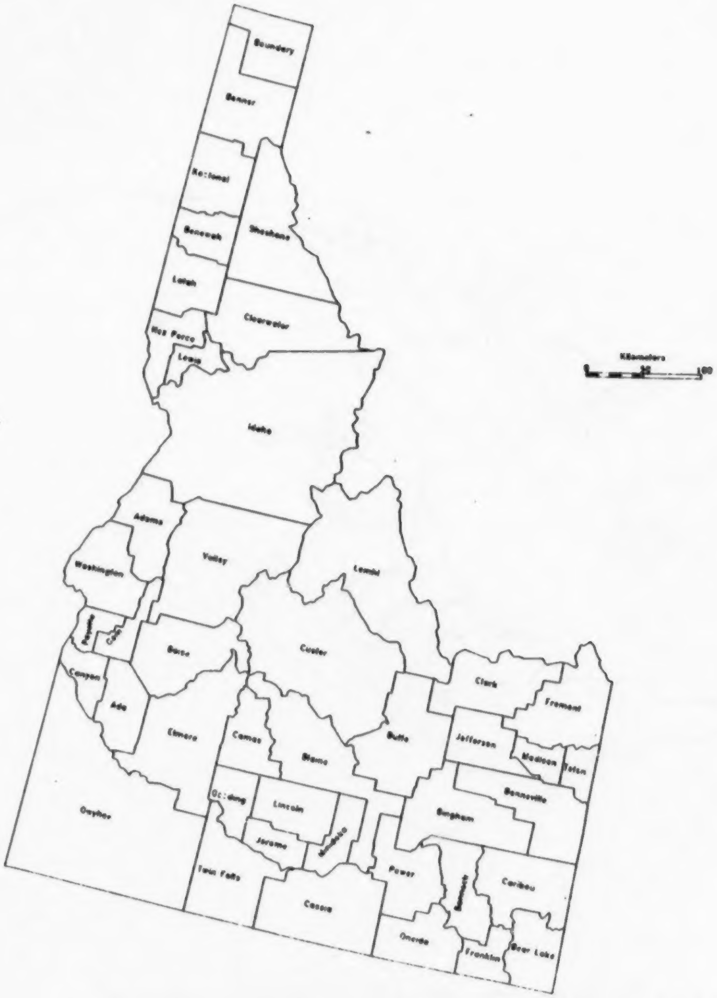
ALASKA

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

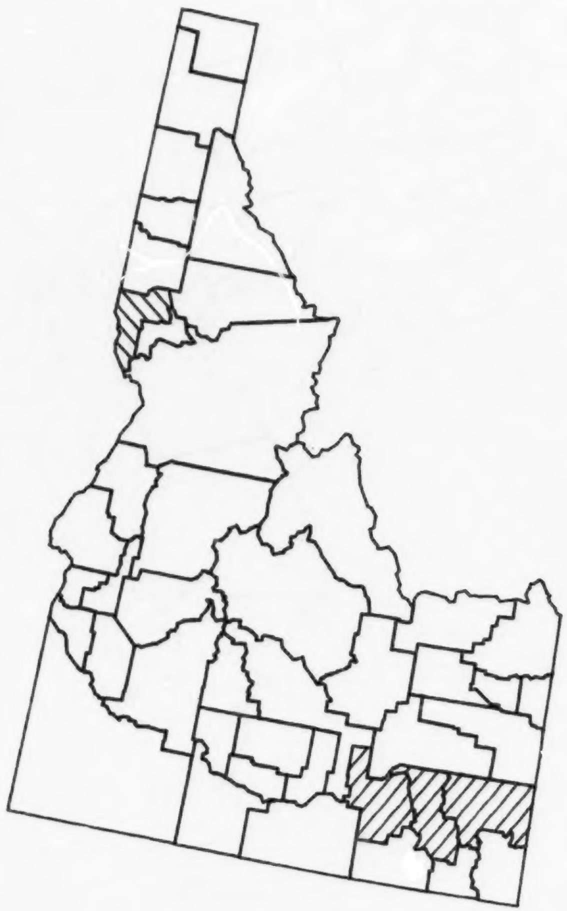
SEPTEMBER 1985

IDAHO


Boundary
Bonner
Kootenai
Shoshone
Benewah
Latah
Clearwater
Nez Perce
Lewis
Idaho
Adams
Washington
Valley
Lemhi
Payette
Gem
Boise
Custer
Canyon
Ada
Elmore
Camas
Blaine
Butte
Clark
Fremont
Jefferson
Madison
Teton
Bonneville
Bingham
Gooding
Lincoln
Jerome
Minidoka
Owyhee
Twin Falls
Cassia
Power
Bannock
Caribou
Oneida
Franklin
Bear Lake
Kilometers
0
50
100

IDAHO

PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY
▨ SEC-ENTIRE COUNTY
▨ SEC-PART OF COUNTY

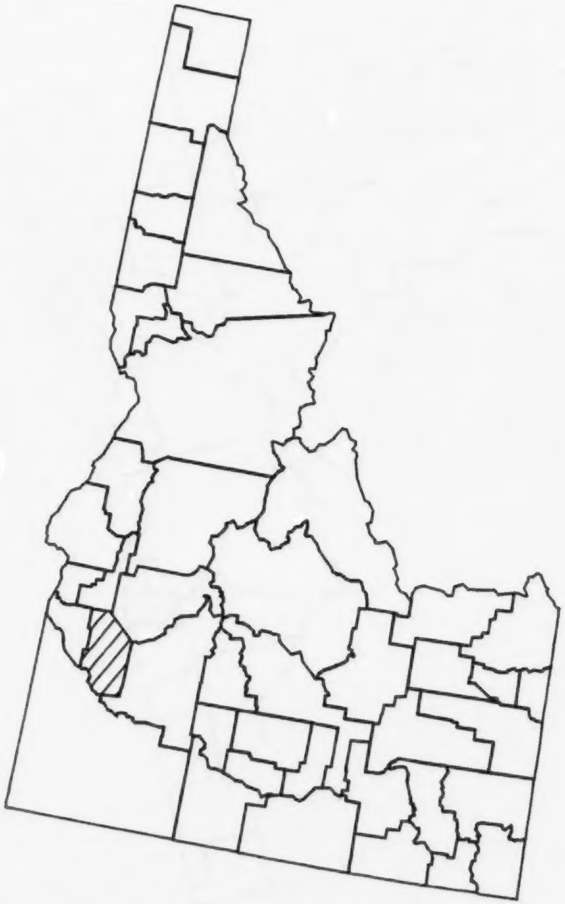
SEPTEMBER 1985

IDAHO

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985

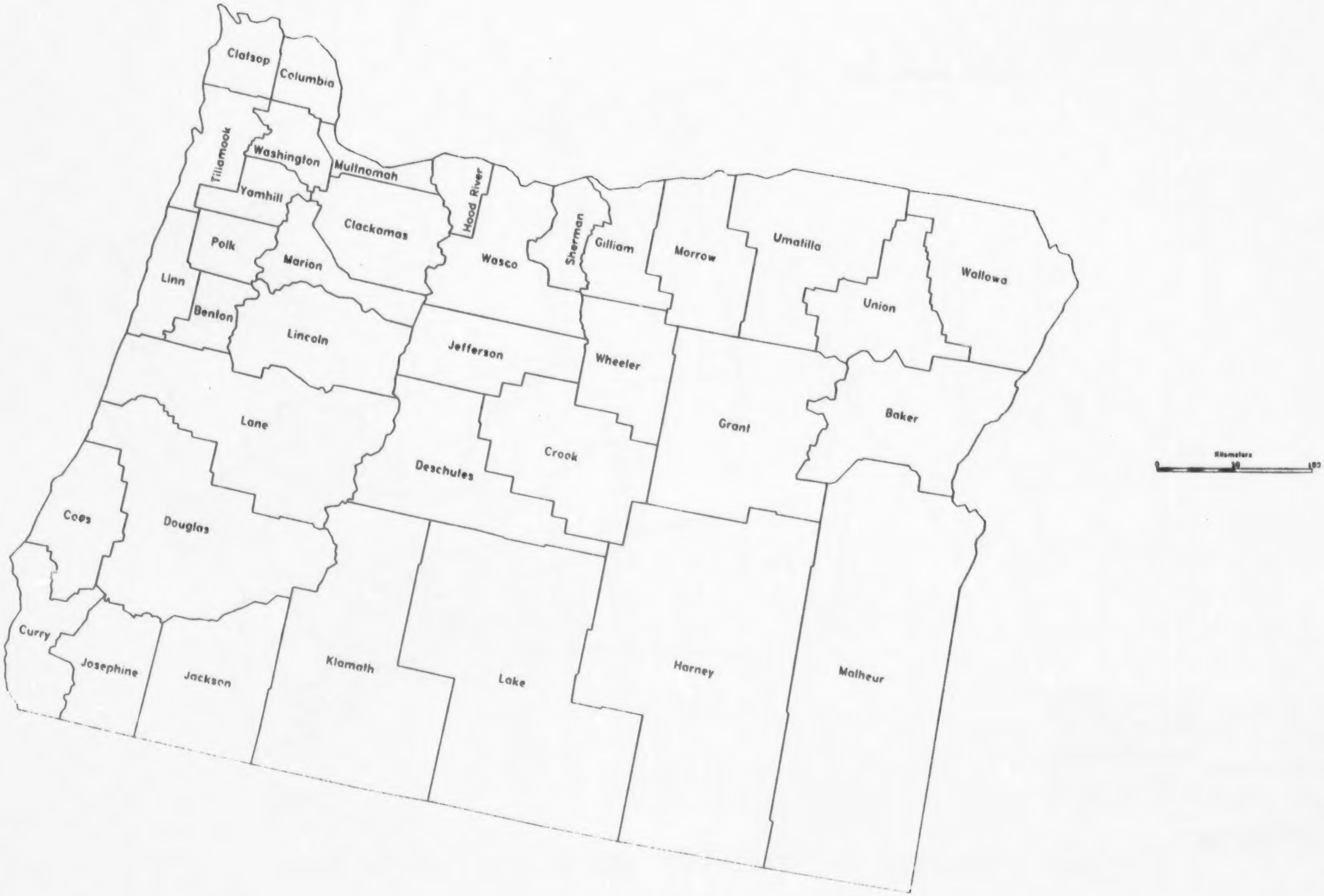
CO NONATTAINMENT

▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY



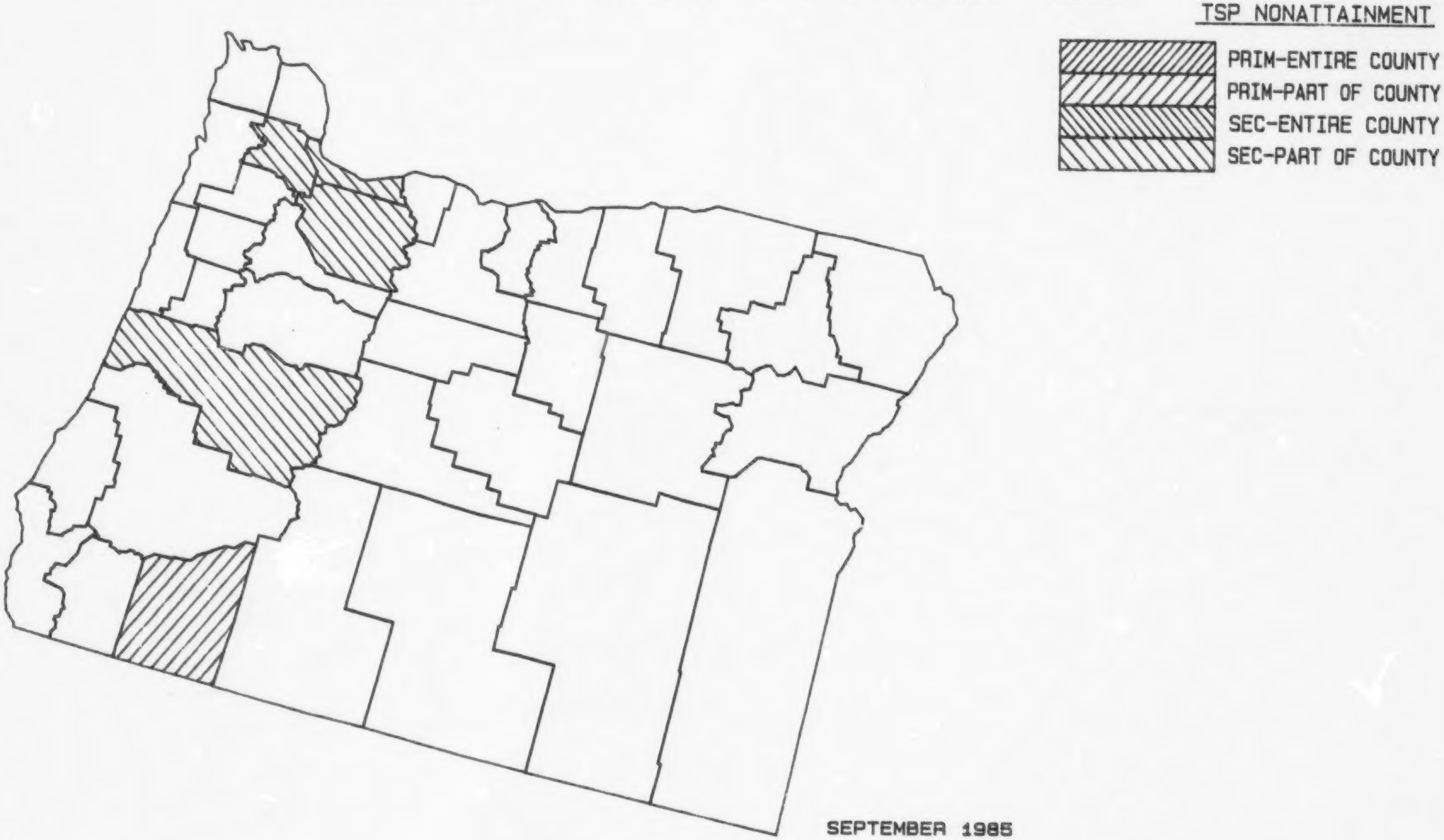
SEPTEMBER 1985

OREGON


Clatsop
Columbia
Tillamook
Washington
Multnomah
Yamhill
Hood River
Sherman
Gilliam
Morrow
Umatilla
Wallowa
Polk
Clackamas
Marion
Wasco
Linn
Union
Benton
Lincoln
Jefferson
Wheeler
Lane
Grant
Baker
Crook
Deschutes
Coos
Douglas
Curry
Josephine
Jackson
Klamath
Lake
Harney
Malheur
Kilometers
0
50
100

OREGON

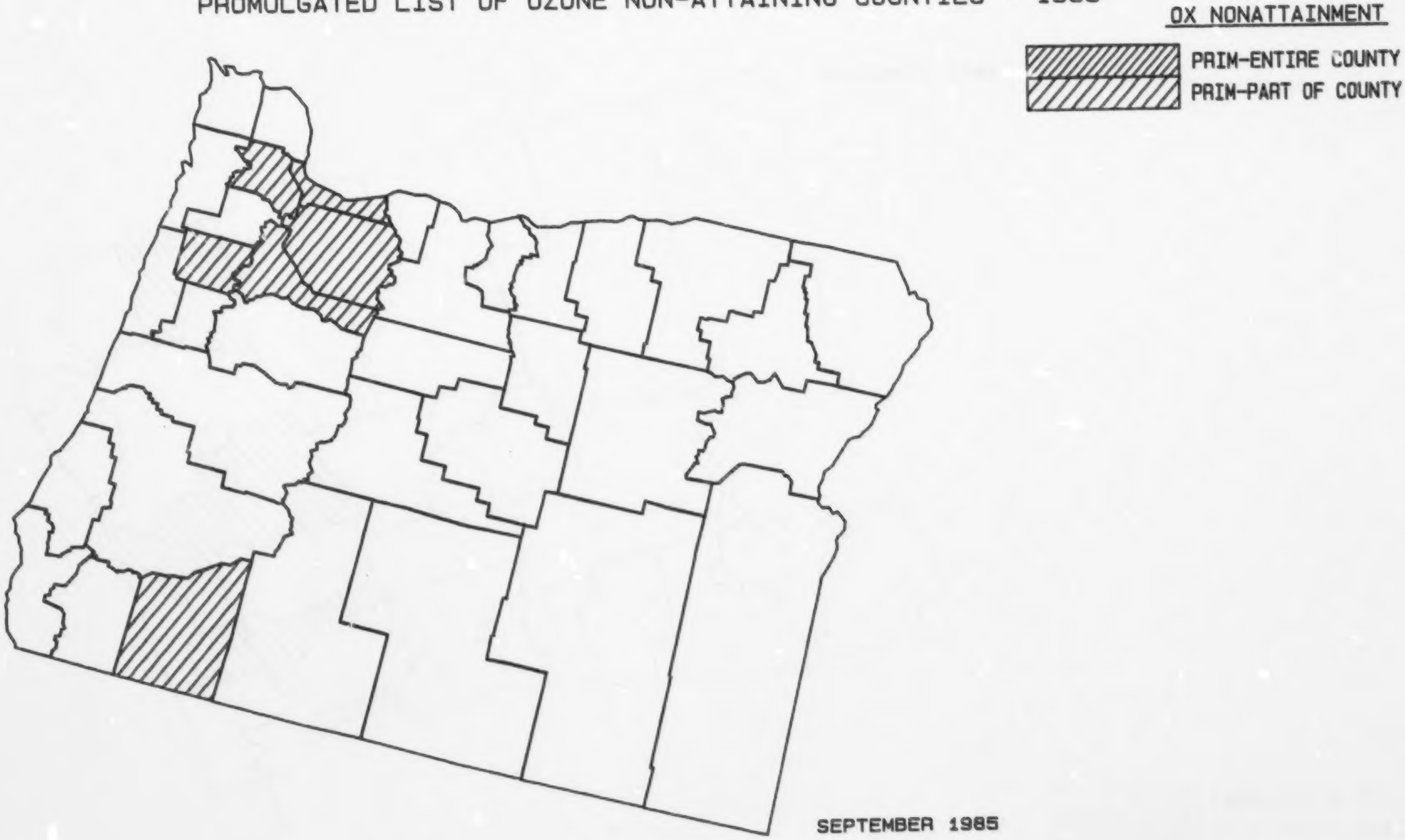
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY

SEPTEMBER 1985

OREGON

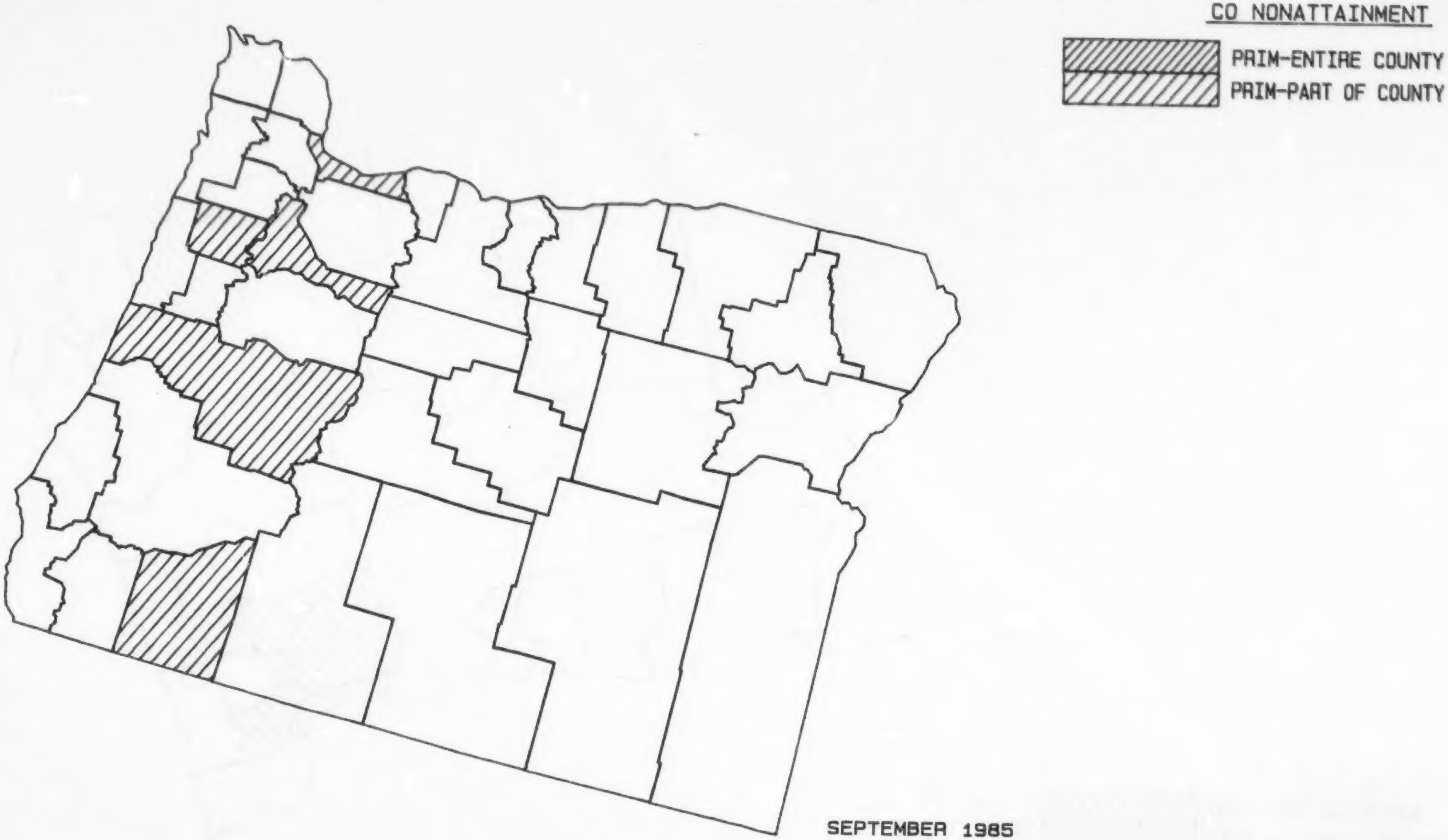
PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

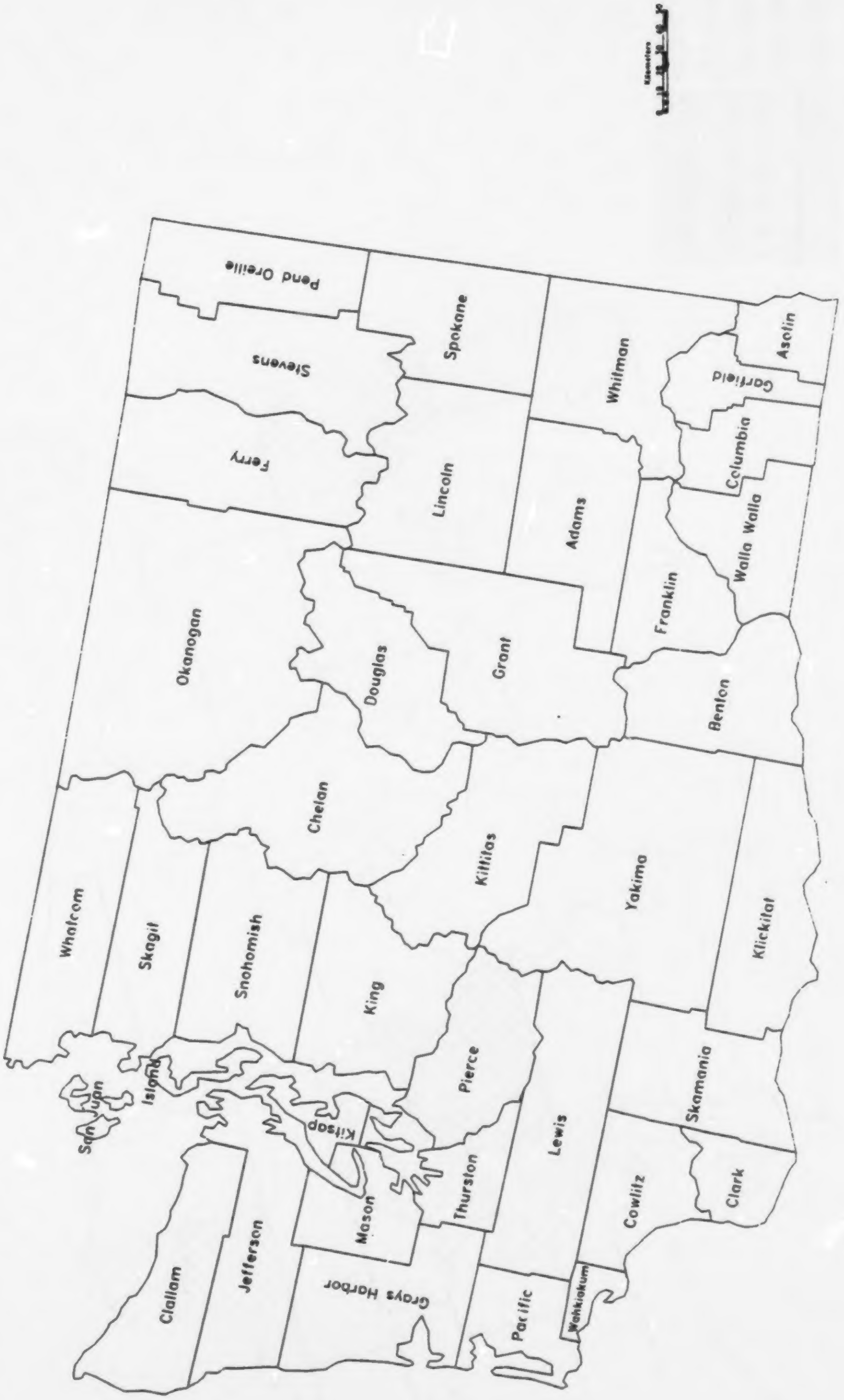
OREGON

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985


CO NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY

SEPTEMBER 1985

WASHINGTON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Douglas
Grant
Benton
Chelan
Kittitas
Yakima
Klickitat
Whatcom
Skagit
Snohomish
King
Pierce
San Juan
Island
Kitsap
Mason
Thurston
Lewis
Skamania
Clark
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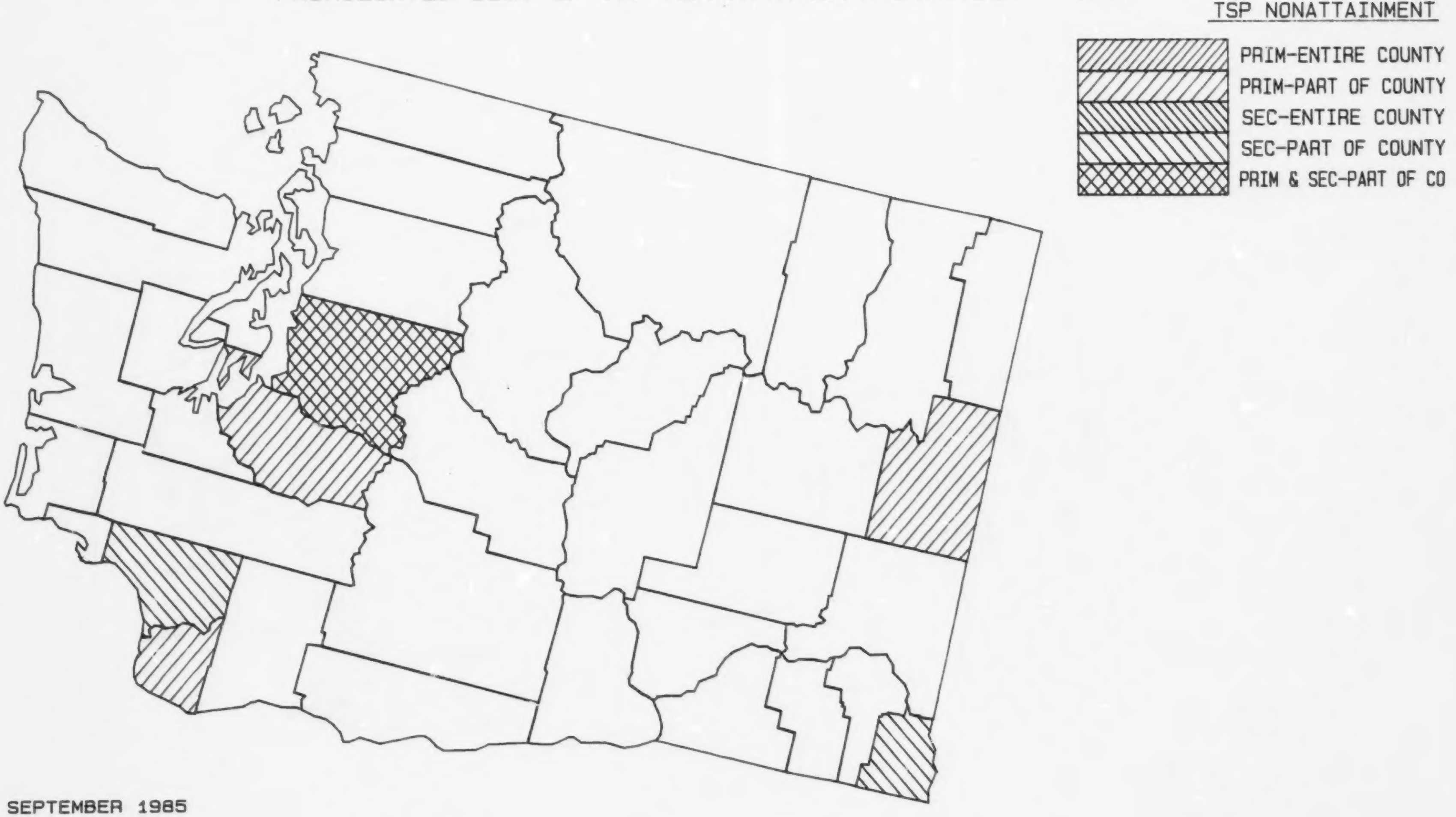
Pacific
Grays Harbor
Jefferson
Clallam

WASHINGTON

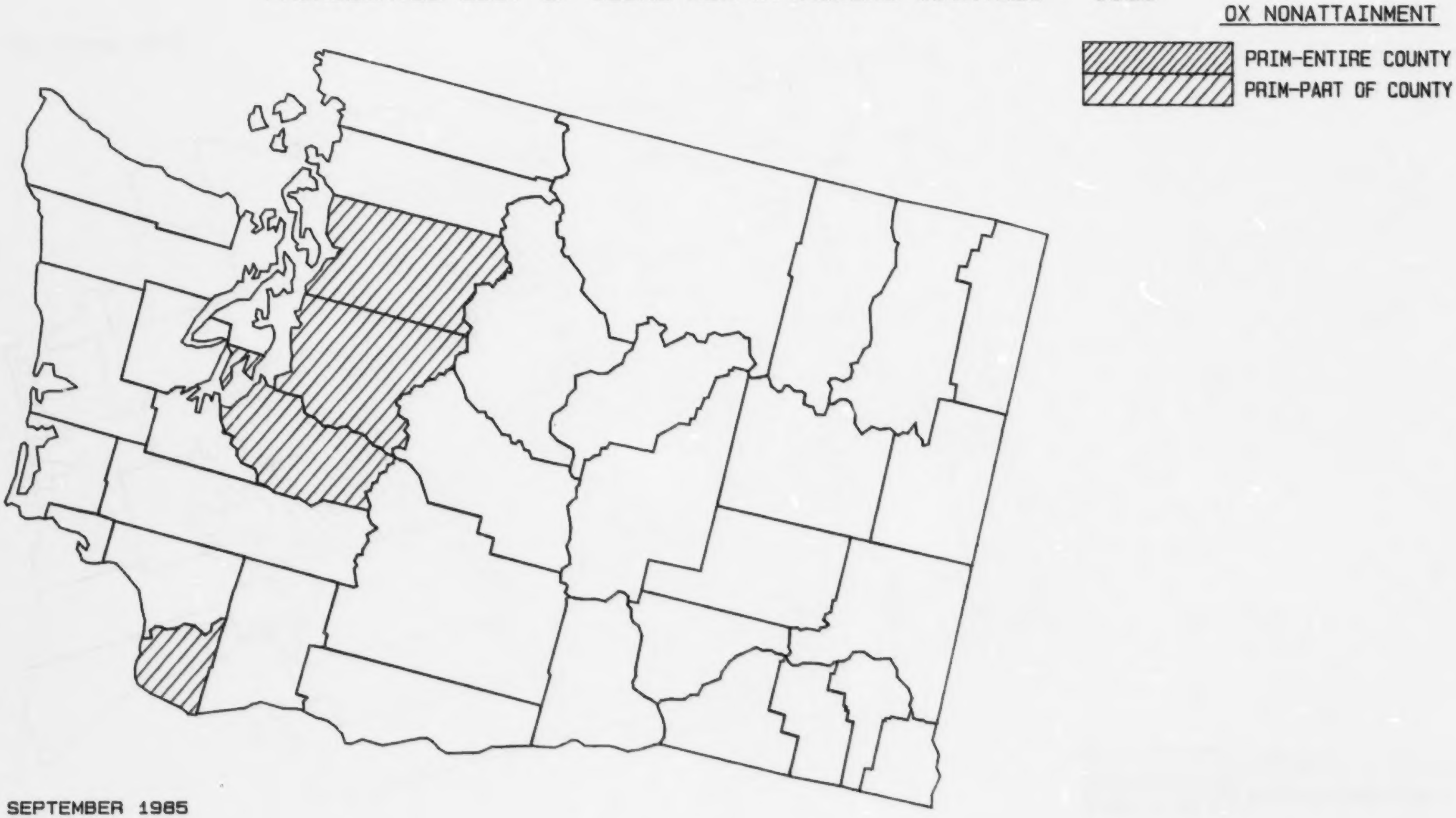
PROMULGATED LIST OF TSP NON-ATTAINING COUNTIES - 1985


TSP NONATTAINMENT
PRIM-ENTIRE COUNTY
PRIM-PART OF COUNTY
SEC-ENTIRE COUNTY
SEC-PART OF COUNTY
PRIM & SEC-PART OF CO

SEPTEMBER 1985

WASHINGTON

PROMULGATED LIST OF OZONE NON-ATTAINING COUNTIES - 1985


OX NONATTAINMENT
▨ PRIM-ENTIRE COUNTY
▨ PRIM-PART OF COUNTY

SEPTEMBER 1985

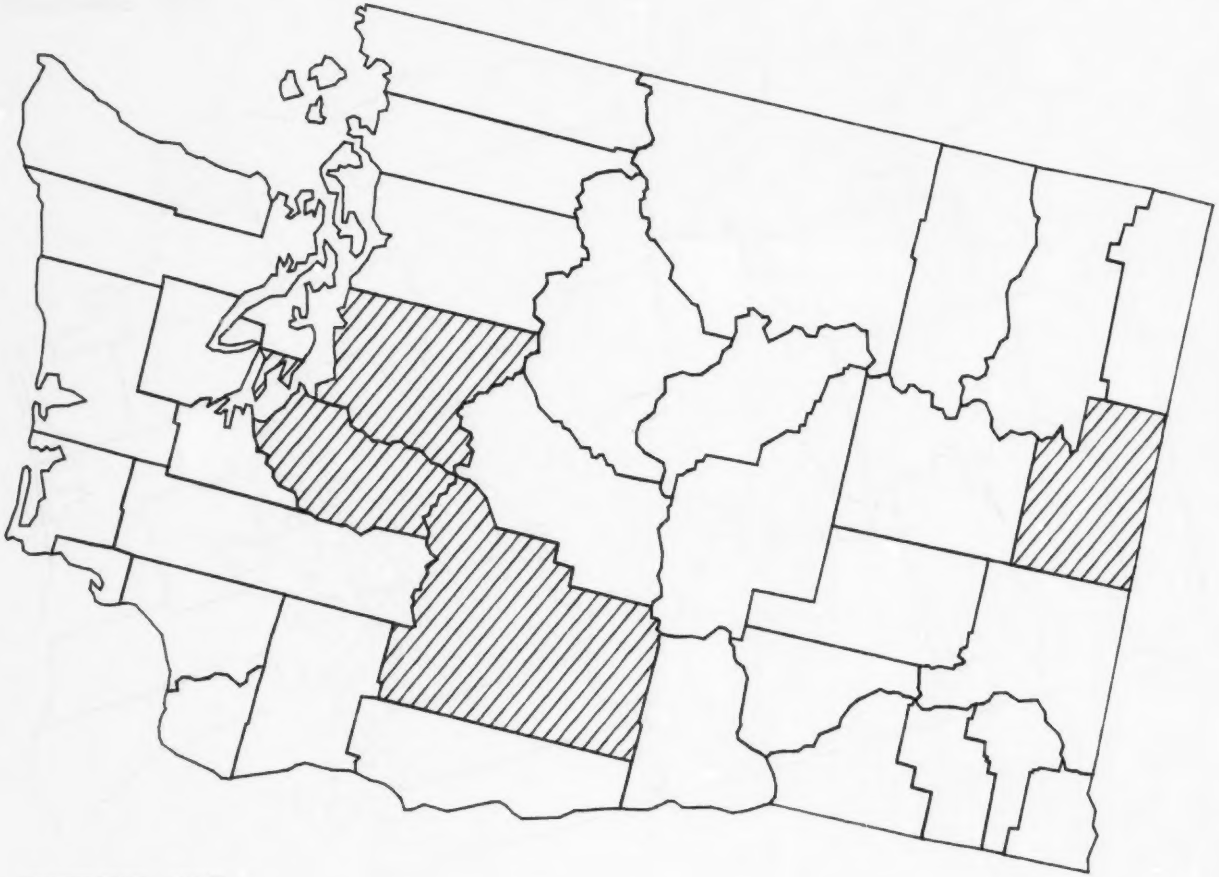
WASHINGTON

PROMULGATED LIST OF CO NON-ATTAINING COUNTIES - 1985

CO NONATTAINMENT

▨ PRIM-ENTIRE COUNTY

▨ PRIM-PART OF COUNTY



SEPTEMBER 1985

APPENDIX

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 21 1983

OFFICE OF
AIR, NOISE, AND RADIATION

MEMORANDUM

SUBJECT: Section 107 Designation Policy Summary

Sheldon Meyers

FROM: Sheldon Meyers, Director
Office of Air Quality Planning and Standards (ANR-443)

TO: Director, Air and Waste Management Division
Regions II-IV, VI-VIII, X

Director, Air Management Division
Regions I, V, IX

On February 3, 1983, the Agency published a Federal Register notice regarding the status of all areas designated nonattainment under Part D of the Clean Air Act. This notice indicated that for a significant number of nonattainment areas States are anticipated to be able to demonstrate attainment of the primary national ambient air quality standards. Accordingly, for those areas, States have been encouraged to update their Section 107 designations. In addition, a number of nonattainment areas were identified in the February 3, 1983, notice as "unlikely to attain standards." The Federal Register also stated that the basic existing policy will generally be continued for redesignation. This memorandum summarizes and clarifies existing policy for reviewing designations and provides new guidance on processing these actions.

Policy For Reviewing 107 Designations

1. Data: In general, all available information relative to the attainment status of the area should be reviewed. These data should include the most recent eight (8) consecutive quarters of quality assured, representative ambient air quality data plus evidence of an implemented control strategy that EPA had fully approved. Supplemental information, including air quality modeling emissions data, etc., should be used to determine if the monitoring data accurately characterize the worst case air quality in the area. Also, the following items can be considered in special situations.

An attainment designation can be made using only the most recent four (4) quarters of ambient data if an acceptable state of the art modeling analysis (such as city-specific EKMA for ozone) is provided showing that the basic SIP strategy is sound and that actual, enforceable emission reductions are responsible for the recent air quality improvement.

For nonattainment designations which were originally based solely on modeling, redesignation to attainment is possible even if less than four (4) quarters of ambient data are available provided that a reference modeling analysis considering the sources' legal emission limits shows attainment of the standards. Information must also be presented showing that the sources causing the problem are in compliance with the enforceable SIP measures.

Although the current ozone standard implies the need for three years of data for attainment designations, two years of data with no exceedances is an acceptable surrogate. As discussed previously, this should be accompanied by evidence of an implemented control strategy that EPA had fully approved.

2. Projected Future Violations: Projections of future violations can provide the basis for continuing nonattainment designations. This concept is particularly important because of the current economic downturn. Information submitted to support attainment redesignations must adequately and accurately reflect anticipated operating rates. Areas should remain nonattainment where such projections reveal air quality violations.

3. Modeling: In most SO_2 cases, monitoring data alone will not be sufficient for areas dominated by point sources. A small number of ambient monitors usually is not representative of the air quality for the entire area. Dispersion modeling employing the legally enforceable SO_2 SIP limits will generally be necessary to evaluate comprehensively the sources' impacts as well as to identify the areas of highest concentrations. If either the modeling or monitoring indicates that SO_2 air quality standards are being violated, the area should remain nonattainment.

4. Boundaries: Current policies on appropriate boundaries for designation of nonattainment areas by EPA remain in effect, i.e., generally political boundaries such as city or county for TSP and SO_2, county as a minimum for rural ozone, entire urbanized area and fringe areas of development for urban ozone, and urban core area for CO. When States redesignate, EPA will continue to accept reasonable boundaries which are supported by appropriate data, such as specific new monitoring and/or modeling data or evidence of improvement due to control strategy implementation. Nonattainment areas for ozone should include the significant VOC sources.

5. Dispersion Techniques: Areas which are projected to attain the TSP or SO_2 standards because of the use of unauthorized dispersion techniques should continue to be designated as nonattainment.

Policy for Processing 107 Redesignations

1. SIP Review Actions: Section 107 designations have generally been classified as minor actions, with only a few of the more significant ones being processed as moderate. In the future, redesignations of Tier II nonattainment areas should be classified as major actions so that they can receive a comprehensive review to help ensure regional consistency. Redesignation of Tier I nonattainment areas should continue to be handled as minor or moderate actions, as appropriate.

2. "Unclassifiable" Areas: Since EPA and the States have had nearly five years to resolve discrepancies for nonattainment designations, it is now inappropriate to redesignate any area from nonattainment to unclassifiable. There has been ample time since the first designations were made in 1978 to thoroughly study each nonattainment area. Sufficient data should now exist to either make a redesignation to attainment or to keep the nonattainment designation.

If you have any questions, please contact Tom Helms at (FTS) 629-5526.

cc: Regional Administrator, Regions I-X
Chief, Air Programs Branch, Regions I-X

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

23 DEC 1983

MEMORANDUM

Subject: Section 107 Questions and Answers

From: G. T. Helms, Chief
Control Programs Operations Branch (MD-15)

To: Air Branch Chief
Regions I-X

The April 21, 1983 memo from Sheldon Meyers on Section 107 Redesignation Policy has generally resulted in more consistent redesignation packages. However, a number of questions have developed since then and it seems worthwhile now to share with everyone the responses that have been developed. These questions have arisen in a number of areas.

1. Is air quality data alone sufficient for a redesignation from nonattainment to attainment?

Answer: No. Valid air quality data showing no NAAQS violations must be supplemented with a demonstration that the approved SIP control strategy which provides for attainment has been implemented. The April 21 memo describes the requirements in detail. In most cases the submittal will include the most recent eight quarters of data showing attainment and evidence of an implemented control strategy that EPA had approved. This demonstration need not necessarily be quantitative. Rather, it need simply confirm that the control strategy approved in the SIP to address the problem has indeed been implemented. Where only the most recent four quarters of data showing attainment are available, a state-of-the-art modeling analysis must be provided which quantifies that the SIP strategy is sound and that actual enforceable emission reductions are responsible for the air quality improvements.

2. Are the same requirements discussed in answer number 1 applicable to secondary TSP redesignations?

Answer: Yes. As for primary standards, some reason has to be shown for the improvement in air quality. This can consist of an implemented control strategy, some other Federally enforceable statewide regulations, or a well-documented explanation that the circumstances which resulted in the initial designation have changed or were incorrect. The integrity of the designation process should be preserved, for both primary and secondary pollutants. Further, it should be noted that States are not penalized by remaining secondary nonattainment. Therefore, a control strategy or other demonstration needs to be included with these redesignation requests.

3. Can a control strategy that has not been approved by EPA as part of the SIP be used to support a redesignation?

Answer: In general, no. However, an exception will be made if the physical circumstances and long-term economic factors are such that the implemented measures have the same weight as a SIP: for example, the permanent closing of the major emitting sources, road paving to eliminate fugitive emissions, or other irreversible measures. Submittals including such changes, even though not formally approved as SIP revisions, have the practical impact of an EPA approved strategy and can be the basis for approval of the redesignation.

4. Are the same criteria required to reduce the size of a nonattainment area as are required for redesignating the entire area?

Answer: In general, yes. However, if a sound case can be made that the State "overdesignated" initially -- that is, designated a larger area than EPA required -- then the area can be reduced. The remaining nonattainment area must be compatible with EPA boundary requirements (see April 21, 1983 memo) and it must be convincingly demonstrated that the area going from nonattainment to attainment should not have been designated nonattainment. Other than this specific kind of exception, however, boundary changes require the same analysis as any nonattainment to attainment redesignation. When a portion of a nonattainment area is redesignated attainment, it would help the public if a statement was included in the notice which explains that a nonattainment portion remains.

5. What criteria are used in redesignating from unclassifiable to attainment for TSP and SO_2?

Answer: Redesignations from unclassifiable to attainment generally require the most recent eight consecutive quarters of air quality data demonstrating attainment. No control strategy demonstration is required since there would have been no SIP requirement for an unclassifiable area. The SO_2 redesignations will generally continue to require dispersion modeling.

6. What is required for reclassifications from unclassifiable to attainment for ozone, carbon monoxide, and nitrogen oxides?

Answer: Redesignations from unclassifiable to attainment do not involve any regulatory change. If a State wishes to make such a redesignation, it should be sent forward as a brief explanatory Federal Register notice documenting the information. However, the formal table containing the designation status is not changed since the attainment and unclassifiable designations are combined for these pollutants.

7. Is there, or has there ever been, a 50 km policy for ozone nonattainment areas?

Answer: No, this was only discussed as an option some years ago but it never achieved the status of Agency policy.

These questions and answers highlight some of the significant issues that have come up since the April 21, 1983 memo. Please call Bill Beal or John Calcagni (FTS 629-5665) if you have further comments or questions on Section 107 issues.

cc: B. Bauman
D. White
R. Campbell
S. Meiburg
J. Ulfelder

CALLS FOR SIP REVISIONS

Region	State	Area	Pollutant	Call Made
III	PA	Scranton/ Wilkes-Barre	O_3	2/24/84
	VA	Richmond	O_3	9/28/84
IV	AL	Jefferson Co.	O_3	2/24/84
	FL	Dade Co.	O_3	2/24/84
		Broward Co.	O_3	2/24/84
IV	FL	Palm Beach Co.	O_3	2/24/84
		Miami	CO	
	GA	Atlanta Metropolitan Area	O_3	2/24/84
	NC	Raleigh-Durham	CO	
	TN	Memphis	O_3	9/28/84
V	IL	Madison County (Alton and Woodriver Townships)	SO_2	9/28/84
	IN	Porter County	SO_2	3/26/84
		Warren County	SO_2	3/26/84
		Marion Co. (Portions of Indianapolis)	CO	2/24/84
	MI	Wayne County	SO_2	9/28/84
	MN	Portion of Dakota County	SO_2	9/28/84
	MN	Ramsey County City of St. Paul	CO	2/24/84
	OH	Portage County	O_3	2/24/84
		Summit County	O_3	2/24/84
	WI	Statewide	SO_2	4/26/84
VI	LA	Baton Rouge	O_3	2/24/84

CALLS FOR SIP REVISIONS Cont'd

Region	State	Area	Pollutant	Call Made
VI	OK	Oklahoma City	CO	10/5/84
		Tulsa County	O_3	2/24/84
	TX	Dallas County	O_3	2/24/84
		El Paso County	O_3	2/24/84
		El Paso County	CO	2/2/484
		Tarrant County	O_3	2/24/84
		Denton County	O_3	10/5/84
		Harris County	CO	10/5/84
VII	MO	Kansas City	O_3	2/20/85
	KS	Kansas City	O_3	2/20/84
	KS	Wichita	CO	2/29/84
VIII	UT	Provo	CO	12/19/84
IX	AZ	Maricopa County	O_3	2/24/84
IX	CA	Kern County	O_3	2/2/4/4
		South Coast	NO_x	2/24/84
	NV	Clark County	O_3	2/24/84